Volume XII MAY 1917 Number 11

BULLETIN

—OF—

GOSHEN COLLEGE

Annual Catalog

GOSHEN, INDIANA

WIS
LAKE MICHIGAN
GR RAPIDS
G T
FLINT
PORT HURON
LANSING
MICHIGAN
L. ST. CLAIR
ONTARIO
DETROIT
M C
BENTON HR.
C T
JACKSON
CHICAGO
B&O
STURGIS
L S + M S
ADRIAN
LAKE ERIE
S. BEND
GOSHEN
W A B
TOLEDO
JOLIET
L S + M S
B T O
MILFORD JC
KENDALLVILLE
L S + M S
CLEVELAND
PLYMOUTH
WARSAW
P F W + C
GARRET
B T O
FT WAYNE
SANDUSKY
W L E
AKRON
C I + S
KANKAKEE
P A
CRESTON
ORRVILLE
LOGANSPORT
PERU
WABASH
LIMA
P F W + C
MANSFIELD
ILLINOIS
INDIANA
MARION
ST MARYS
OHIO
MILLERSBURG
LAFAYETTE
BELLEFONTAINE
W & W
B & O
C.P.&C.
P A
DANVILLE
MUNCIE
URBANA
P A
CRAWFORDSVILLE
ANDERSON
COLUMBUS
INDIANAPOLIS
RICHMOND
DAYTON
SPRINGFIELD
B & O

1916—CATALOG—1917

GOSHEN COLLEGE

GOSHEN, - INDIANA

ANNOUNCEMENTS

FOR

1917—1918

Entered as second-class matter February 22, 1906, at the postoffice at Goshen, Ind., under act of Congress of July 16, 1904.
Issued six times per year.

CALENDAR

1917

Baccalaureate Sermon	June 3
Music Program	June 5
Alumni Day	June 6
Class Day	June 7
Commencement Day	June 8
Summer School Opens	June 11
Mid-Summer School (six weeks)	July 16
Summer School Closes	August 24
Fall Term Opens, Wednesday 8 A.M.	September 26
Thanksgiving Vacation	November 29-30
Fall Term Closes, Thursday, 12 M.	December 20

1918

Winter Term Opens	January 2
Special Bible Term Opens	January 2
Special Bible Term Closes	February 13
Winter Term Closes	March 15
Spring Term Opens	March 18
Mid-Spring Term Opens	April 29
Peace Day	May 18
Baccalaureate Sermon	June 2
Music Program	June 4
Alumni Day	June 5
Class Day	June 6
Commencement Day	June 7
Summer School Opens	June 10
Summer School Closes	August 23
Fall Term Opens	September 25
Fall Term Closes	December 20

CALENDAR

1917

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1918

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

1918

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

CORPORATION

MENNONITE BOARD OF EDUCATION

H. F. Reist, President ..... Scottdale, Pa.
D. G. Lapp, Vice President ..... Roseland, Nebr.
D. D. Miller, Secretary ..... Middlebury, Ind.
Sanford Yoder, Treasurer ..... Kalona, Iowa
J. S. Hartzler, Assistant Treasurer ..... Goshen, Ind.
E. S. Hallman ..... Grand Bay, Ala.
Aaron Loucks ..... Scottdale, Pa.
C. P. Yoder ..... Goshen, Ind.
Joseph Bechtel ..... Philadelphia, Pa.
J. M. Kreider ..... Palmyra, Mo.
D. J. Johns ..... Goshen, Ind.
J. S. Shoemaker ..... Freeport, Ill.
J. P. Bontrager ..... Albany, Ore.
Daniel Eshleman ..... Smithburg, Md.
D. A. Yoder ..... Elkhart, Ind.
D. S. Yoder ..... Bellefontaine, Ohio
S. F. Coffman ..... Vineland, Ont.
John Blosser ..... Rawson, Ohio
A. L. Hess ..... Hesston, Kans.
I. R. Detweiler ..... Goshen, Ind.
D. N. Lehman ..... Millersville, Pa.
G. R. Brunk ..... Denbigh, Va.
Steven Yoder ..... Inman, Kans.
J. E. Hartzler ..... Goshen, Ind.
D. S. Gerig ..... Goshen, Ind.
D. H. Bender ..... Hesston, Kans.
T. M. Erb ..... Hesston, Kans.

STANDING COMMITTEES OF THE BOARD

Executive

H. F. Reist — D. G. Lapp — D. D. Miller
J. S. Hartzler — Sanford Yoder

Auditing

F. S. Ebersole — S. O. Nafziger
A. R. Zook

COMMITTEES FOR GOSHEN COLLEGE

Executive

J. E. Hartzler, Chairman
W. H. Haarer — L. S. Nafziger — F. S. Ebersole
J. S. Hartzler — A. R. Zook — D. S. Gerig

Faculty

J. M. Kreider, Chairman
D. J. Johns — J. S. Shoemaker

Religious Welfare

Daniel Kauffman, Chairman
J. S. Shoemaker — Aaron Loucks

Auditing

F. S. Ebersole, Chairman
John E. Weaver — L. S. Nafziger

FACULTY

JOHN E. HARTZLER, A.B., D.B., President.

Student, McCormick Theological Seminary, 1907-1909; A.B., Goshen College, 1910; D.B., Union Theological Seminary, 1910; ordained minister, 1904; Pastor Prairie Street Mennonite Church, Elkhart, Indiana, 1910-13; Instructor, Special Bible Term, Goshen College, 1910-11; Dean of Bible School and Professor of Bible, 1912; President, 1913-

DANIEL S. GERIG, A.B., Acting Dean and Registrar.

Student, Smithville Normal School, 1893-94; Instructor, Elkhart Institute, 1900-1902; Instructor Wooster University, summer, 1903; A.B., Wooster University, 1904; graduate student in German and Latin The University of Chicago, summers of 1904 and 1908; Instructor, Goshen College, 1904-05; traveled in Europe summer of 1912; Professor of German, 1905-; Acting Dean of College, 1916-

JONAS S. HARTZLER.

Student, Cook County Normal, 1898, and Wooster University, 1899; ordained minister, 1881; Instructor, Elkhart Institute, 1895-1903; Instructor Goshen College, 1903-16; traveled in oriental and missionary lands, 1910-11; Dean of Bible School, Goshen College, 1905-12; Assistant Treasurer, Mennonite Board of Education.

EPHRAIM J. ZOOK, A.M., Librarian.

B.S., Ohio Normal University, 1897; Principal, school of Canaan and Rittman, Ohio, 1897-99; Ph.B., Wooster University, 1901; Instructor, Elkhart Institute, 1901-03; Instructor, Goshen College, 1903-04; A.M., The University of Chicago, 1905; Graduate student, The University of Chicago, summers of 1905, '08, '13, '14; Graduate Indiana School for Librarians, 1916; Professor of Latin and French, 1905-

JONATHAN M. KURTZ, A.M.

Student, Ohio Normal University, 1896; Instructor, Elkhart Institute, 1902-03; Instructor, Goshen College, 1902-04; A.B., Oberlin College, 1905; Scholar in Chemistry, Oberlin College, 1905-06; A.M., Oberlin College, 1906; Graduate student, The University of Chicago, summers of 1909, '10, '11 and '12; Professor of Physical Science, 1906-

DANIEL A. LEHMAN, A.M.

Graduate of First Pennsylvania State Normal, 1889; Ph.B., Wesleyan University (Conn.), 1893; graduate student, The University of Chicago; 1893-95; Principal of Academy, University of the Pacific, (Cal.), 1895-98; Student, Lick Observatory, summer of 1898; Professor of Mathematics, Baldwin University, (O.), 1898-1902; A.B., Western Reserve University, 1903; Instructor, Missouri State Normal, 1903-05; Instructor, University of Wisconsin, 1905-06; Graduate student, University of Michigan, summers, 1908-09, Columbia University, 1910, and The University of Chicago, 1912-14; Professor of Mathematics and Astronomy, 1906-

CHRISTIAN B. BLOSSER, A.B.

Student Ohio Normal University, 1898-1900; Instructor, Goshen College, 1907; Assistant in Zoology, Indiana University, 1908-09; A.B., Indiana University, 1909; Instructor in Biological Sciences, Goshen College, 1909-10; Professor of Biological Sciences, 1910-15; Post-graduate student University of Wisconsin, 1915-17; Candidate for M.S. degree in Agriculture, June, 1917; Dean of School of Agriculture, 1917-

IRVIN R. DETWEILER, A.B.

Missionary in India, 1902-04; ordained minister, 1905; Student Bethany Bible School, 1907-09; Field Secretary Mennonite Board of Missions and Charities, 1906-'14; A.B., Goshen College, 1911; Graduate student, The University of Chicago, summers of 1912, '13, '14 and '15; Instructor in Bible, Goshen College, 1909-12; Professor of New Testament and Missions, 1912-; Dean of Bible School, 1916-

JOHN J. FISHER, A.M.

Assistant in Mathematics, Goshen College, 1911-13; A.B., Goshen College, 1913; Fellow in Philosophy and Education, Indiana University, 1913-1914, A.M., Indiana University, 1914; Harrison Fellow in Philosophy and Education University of Pennsylvania, 1914-1915; Graduate student in Education, The University of Chicago, summer of 1915; Graduate student in Education, Columbia University, summer of 1916; Assistant Professor of Philosophy and Education, 1916-

WILLIAM B. WEAVER, A.B.

Assistant in History, Goshen College, 1912-1914; A.B., Goshen College, 1914; Graduate student in History and Social Sciences, Indiana University, spring and summer, 1914; Candidate for the A.M. degree, Indiana University; Instructor in History and Social Sciences, 1914-

SAMUEL W. WITMER, A.M.

Assistant in German, Goshen College, 1913-14; A.B., Goshen College, 1914; A.M., University of Wisconsin, 1915; Graduate student Univeristy of Illinois, summer, 1916; Instructor in Biological Science, 1915-1917; Assistant Professor, Biological Sciences, 1917-

AMOS S. EBERSOLE, Mus.B.

Private teacher of Music, 1909-1913; graduate Music Teachers' course, Goshen College School of Music; student, Columbia University School of Music; graduate, Collegiate and Post Graduate courses in Singing, American Conservatory of Music; studied with the following teachers: D. A. Clippinger, Rossetter G. Cole, S. Reid Spencer, DeLoss Smith, Oscar Saenger, Mabel Woodworth, John T. Read, Adolph Weidig; Acting Director, School of Music, 1913-1914; Associate Director, School of Music, 1914-1915; Director, School of Music, 1915-

VESTA ZOOK, A.B., B.S.

Assistant in German, Goshen College, 1913-1914; A.B., Goshen College, 1915; B.S., Lewis Institute, 1916; Dean of Women and Instructor in Home Economics, 1916-

JOHN E. WEAVER, A.M.

Assistant in Bookkeeping, Boise Business College, 1907-1908; Graduate Boise Business College, 1908; Instructor in Bookkeeping and Shorthand, Goshen College, 1910-1915; A.B., Goshen College, 1914; A.M., Indiana University, 1916; Principal School of Business, 1916-

SYLVIA BONTRAGER.

Private teacher of Music, 1907-1910; Assistant in Piano, Goshen College, 1910-1911; Graduate Music Teachers' Course, Goshen College, 1910; Graduate Piano Course, Goshen College, 1911; Graduate, New England Conservatory, 1916; Student Faelton Pianoforte School and private student of Carl Faelton, 1915-1916; Instructor in Piano and Theory, 1911-

OPAL McCOY, Mus.B.

Mus.B., DePauw University, School of Music, 1913; private teacher of Music, 1913-; student of Noble Kreider, 1914-1916; Instructor in Harmony and History of Music, 1916-

MARY HOOLEY, A.B.

A.B., Goshen College, 1916; Special student in English, The University of Chicago, summer of 1915 and 1916; Preceptress and Instructor in English, 1915-1916; Instructor in English, 1915-

STANDING COMMITTEES OF FACULTY

Admission and Classification—Gerig, Fisher, Blosser.

Appointments—Pres. Hartzler, Gerig, Lehman.

Athletic—Witmer, W. B. Weaver, Keller.

Buildings and Grounds—Zook, Witmer, Hartzler.

Course of Study—Gerig, Pres. Hartzler, Lehman.

duate student,
graduate student Columbia University, 1916-17; candidate for Ph.D. degree Columbia University; Professor of English and Public Speaking, Goshen College, 1917-

*..... .....

Instructor in Animal Husbandry and Soils.

MARTHA MARTIN, A.B.

A.B., Goshen College, 1915; teacher Public Schools, Iowa and Colorado, two years; Preceptress and Instructor in English, Goshen Academy, 1914-15; student, The University of Chicago, summer 1914; Instructor in Common Branches and Assistant in Department of Education, 1917-

JENNIE TERRILL.

Graduate Moberly, Mo., high school, 1904; teacher rural schools three years; teacher grade schools, Armstrong, Mo., five years; teacher of Latin and English, Armstrong, Mo., high school, two years; student University of Missouri, summer, 1912; graduate Kirksville State Normal School, 1916; student-teacher Kirksville State Normal School, 1915-16; teacher Model Rural School, Goshen College, 1916-

ELVINA EBERSOLE.

Student Bluffton Conservatory of Music, two years; graduate Music Teachers' Course, Goshen College, School of Music; private teacher of Music, one year; student, Northwestern University School of Music, summer term; Instructor in Singing, Goshen College, 1917-

* Instructor to be supplied.

SAMUEL W. WITMER, A.M.

Assistant in German, Goshen College, 1913-14; A.B., Goshen College, 1914; A.M., University of Wisconsin, 1915; Graduate student Univeristy of Illinois, summer, 1916; Instructor in Biological Science, 1915-1917; Assistant Professor, Biological Sciences, 1917-

AMOS S. EBERSOLE, Mus.B.

Private teacher of Music, 1909-1913; graduate Music Teachers' course, Goshen College School of Music; student, Columbia University School of Music; graduate, Collegiate and Post Graduate courses in Singing, American Conservatory of Music; studied with the following teachers: D. A. Clippinger

Vinora Weaver ..... Stenography

Ezra S. Deter ..... Bookkeeping

EXECUTIVE OFFICERS

John E. Hartzler ..... President

Daniel S. Gerig ..... Acting Dean and Registrar

Ephraim J. Zook ..... Librarian

Vesta Zook ..... Dean of Women

ASSISTANT OFFICERS

Mary Stoltzfus ..... Matron, Kulp Hall

Mrs. Samuel Plank ..... Matron, East Hall

Samuel H. Plank ..... Supt. Buildings and Grounds

Ella Shoup ..... Assistant Librarian

Joseph E. Brunk ..... Bookkeeper

Margaret Anderson ..... Stenographer

STANDING COMMITTEES OF FACULTY

Admission and Classification—Gerig, Fisher, Blosser.

Appointments—Pres. Hartzler, Gerig, Lehman.

Athletic—Witmer, W. B. Weaver, Keller.

Buildings and Grounds—Zook, Witmer, Hartzler.

Course of Study—Gerig, Pres. Hartzler, Lehman.

Debate and Oratory—W. B. Weaver, Kreider, Keller.

Dining Hall—Miss Zook, Miss Martin, Fisher.

Dormitory and Student Life—Miss Zook, Gerig, Detweiler, Miss Hooley, J. E. Weaver.

Equipment—Pres. Hartzler, Zook, Kurtz.

Extra Work—

For College—Kurtz, Witmer, Blosser.

For Academy—Lehman, Zook, Detweiler.

Graduate Study—Gerig, Lehman, Fisher, Blosser.

Library—Zook, Keller, Fisher.

Public Occasions—Pres. Hartzler, Kurtz, Blosser, Ebersole, Miss Bontrager.

Publications—Pres. Hartzler, Gerig, J. E. Weaver.

Religious Activities—Detweiler, Miss Martin, Kreider.

Rules and Discipline—Gerig, Miss Zook, Detweiler, Kurtz, Fisher, Miss Hooley, Blosser.

Scholarships—Pres. Hartzler, Detweiler, Blosser.

Student Organizations—Kurtz, Ebersole, Miss Bontrager, Kreider.

Woman's Advisory Committee—Miss Zook, Miss Hooley, Mrs. Kurtz, Mrs. Zook, Mrs. Witmer.

ADMISSION

METHOD OF ADMISSION

Admission to College may be gained either by certificate or by examination. Graduates of commissioned high schools or other approved preparatory schools will be admitted upon presentation of certificates of good moral character and graduation. Candidates may present these certificates in person on registration day but it will greatly expedite registration if these certificates are sent to the Registrar at least two weeks before the opening of the fall term. Blank certificates will be sent upon application.

For admission by examination either upon all the required subjects or upon those for which no satisfactory certificates can be offered the candidates shall present themselves at the office of the Registrar on the opening day of the term for such examination as the Committee on Admission and Classification may require.

No advance credit is granted for subjects studied in high school unless the student has taken a postgraduate high school course of at least one semester. Such credit will be allowed only upon examination and will not be finally placed to the student's credit until he has done at least two terms of successful work in the College.

REQUIREMENTS FOR ADMISSION.

The amount of work required for admission is based upon the work of the commissioned or first class high school. A one-year course meeting daily for forty-five minutes, or a one-year course meeting four times per week for sixty minutes is accepted as the unit of credit. The amount of credit in each subject will be estimated on the basis of the length of the recitation periods, the textbooks used and, in science courses, also the laboratory note-books.

For admission to the Freshman class without condition, candidates must offer in addition to the preacademic or grammar school studies, not less than fifteen units of high school work, to be made up as follows:

Required:

English .....3 units
Foreign Languages .....2 units
(Not less than two units of any one foreign language will be accepted).
Mathematics, Algebra and Geometry .. ..2 units
History, Greek and Roman preferred ....1 unit
Science, a laboratory science .....1 unit

Electives:

Additional units from above groups .....2 units
Electives .....4 units

In order to obtain the best results in college work students are urged to elect two units of foreign language and one unit if mathematics in addition to the minimum requirements in these subjects.

The following table gives a list of subjects which may be presented for entrance with the maximum number of units allowed in each:

English Composition and Rhetoric	2	4
English Literature	1	
English Classics	1	
Latin	2, 3, or 4	6
Greek	2 or 3	
German	2, 3 or 4	
French	2, 3 or 4	
Algebra	1½	3½
Plane Geometry	1	
Solid Geometry	½	
Trigonometry	½	

History, General 1
History, Greek and Roman 1
History, English 1
History, United States and Civics 1
} 2

Physics 1
Chemistry 1
Biology 1
Botany 1
Zoology 1
Agriculture 1
Physiography .....½
Physiology .....½
Geology .....½
Astronomy .....½
} 3

Commercial Subjects.
Domestic Science ...
Manual Training ....
Free-hand Drawing....
} May receive credit, after each claim has been investigated.

CONDITIONS

Candidates presenting not less than fourteen units will be admitted to the Freshman class on condition that they begin at once to make up the work in which they are deficient. Such work must be completed before the Junior year. The Academy and the Summer School affords good opportunities for removing conditions.

SPECIAL STUDENTS

Candidates who are twenty-one years of age or more and who cannot meet the above requirements may be admitted as special students by furnishing evidence of ability to do the contemplated work. Such students may at any time become candidates for degrees by completing the entrance requirements.

CURRICULUM

The curriculum of Goshen College makes provision for general culture by prescribing some work in each of the great fields of knowledge; encourages scholarship by requiring advanced courses in at least one major subject; and provides for the particular tastes and needs of each student by giving freedom to the choice of the major subject and electives.

The amount of work required for graduation with the Bachelor of Arts degree is one hundred and eighty term hours. Each student is expected to register for fifteen hours work each term. Any student wishing to take more than the normal fifteen hours' work must make application to the Committee on Extra Work before registering. Entering students are not expected to carry more than fifteen hours' work.

PRESCRIBED WORK

English	15 hours
Mathematics	10 hours
Foreign Languages	21 hours
History or Social Sciences	15 hours
Natural Sciences	15 hours
Philosophy	10 hours

MAJOR SUBJECTS

At the beginning of the Junior year each student shall in consultation with the Dean, select his major subject and file a statement of his choice with the Registrar. A major consists of forty-five hours, approximately one-third of which may be cognate work in allied subjects at the approval of Heads of Departments concerned.

Thirty of the forty-five hours is to represent a sequence in one subject.

ELECTIVE SUBJECTS

In registering, required and major subjects must have

the preference over those which are elective. Elective courses once begun may not be discontinued without the proper consent of the Faculty. The electives must be chosen in the sequence indicated in the department statements.

FRESHMEN WORK

Freshmen are required to take at least thirteen hours from the prescribed work in English, Mathematics, Foreign Languages or Natural science, including English VI and Mathematics IV and V. All prescribed work except that in Philosophy should be completed by the end of the Sophomore year.

The following curricula are suggested for Freshmen:

I		II		III	
English	2	English	2	English	5
Mathematics	5	Mathematics	5	Mathematics	5
Language	3	Language	5	Language	3
Zoology or Botany	5	Chemistry	3	Bible	2

PROFESSIONAL COURSE

Students who have completed their prescribed work and have one hundred and thirty-five hours credit may secure a leave of absence during their Senior year to attend a standard professional school. Such students may present themselves for degrees when a statement has been received from the Faculty of the professional school that one full year's work has been satisfactorily completed.

The following courses are suggested for those expecting to take up medical or engineering courses after completing three years of college work.

MEDICAL		ENGINEERING	
English	15	English	15
Language	21	Language	21
History	15	History	15
Mathematics	10	Mathematics	24
Biology	20	Astronomy	11
Chemistry	33	Physics	12
Physics	12	Chemistry	24
Philosophy	10	Philosophy	10

A SECTION OF THE GENERAL CHEMISTRY LABORATORY

DEGREES

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.

CERTIFICATES

A certificate is granted to those students in Home Economics who successfully complete a two year outlined course of study in this department. For outline of course see page 33.

DEPARTMENTS OF INSTRUCTION

BIBLE

Professor Detweiler
Mr. Kreider

OLD TESTAMENT

I. History from the Conquest to the Fall of Samaria.
M. W. F. Fall Term.

The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

II. Prophecy, from Genesis to Fall of Samaria.
M. W. F. Winter Term.

A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.

III. The Southern Kingdom. M. W. F. Spring Term.

The history and prophecy of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah.

IV. Literature of the Babylonian Period.
M. W. F. Two Terms.

The literature of the Babylonian period of Judah's history, and the Greek age to the Maccabean revolt will constitute the material for this study. The same aim and method of study will be continued in courses I-III.

V. Poetry and Wisdom. M. W. F. Spring Term.

A general survey of Hebrew Poetry and Wisdom Lit-

erature with a more careful study of characteristic selections. The aim is to familiarize the student with this phase of Old Testament Literature. IV and V not given 1917-18.

NEW TESTAMENT

I. The Gospel of Luke. T. Th. Fall Term.

The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

II. The Book of Acts T. Th. Winter Term.

The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

III. Pauline Epistles . T. Th. Spring Term.

Pauline Epistles. The general principles of introduction are used in the study of the Pauline Epistles with a careful study of Galatians and Philippians.

IV. The Gospel of John. T. Th. Fall Term.

A thorough inductive study of the Gospel. The development is traced and the leading terms of the Gospel are studied in preparation for a study of the Johannine Christology in the following course.

V. The Epistles of John. T. Th. Winter Term.

The Epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature.

VI. Catholic Epistles. T. Th. Spring Term.

The same inductive and analytical method is used as in the preceding course. Since the Epistles of John are studied in the winter term, James, Peter, and Jude are used in this term. IV-VI not given 1917-18.

LANGUAGE

I. Greek. M. W. F. Three Terms.

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two years training in language study.

II. Greek. M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke, word study and application of Moods and Tenses of the Greek language. The grammatical study with special emphasis on synatax will continue through the year. Prerequisite, Course I. or its equivalent of classical Greek.

III. Greek. T. Th. Three Terms.

A translation of the Acts of the Apostles, miscellaneous epistles and selections from the Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

EXEGESIS

IV. Greek. Epistles to the Romans and Hebrews. T. Th.

Special attention will be given to the problems and teachings of the primitive church and the doctrines that grew out of them. The method will be a presentation by the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase.

For additional information see Bible School, pages 71-80.

BIOLOGICAL SCIENCE

Assistant Professor Witmer

III. General Zoology. M. W. F. Three Terms.

A general survey of the animal kingdom. The first part of the year will be given to the study of the invertebrates. The vertebrates will be taken up the latter part of the year. The laboratory work will include careful dissection of typeforms such as starfish, clam, perch, frog, pigeon and others. Some attention will be given to the animal cell, regeneration, field study of birds and economic importance. Not given 1917-18.

IV. Entomology. M. W. F. Spring Term.

After completing two terms of General Zoology this course may be elected for the third term's work. There will be dissections of types from the various orders of insects with special attention to mouth parts. Each student will be required to make a collection of insects as part of the laboratory work. Not given 1917-18.

V. General Botany. M.—F. Three Terms.

a. Algae and Fungi. The work of the fall term will deal mainly with the study of structure, reproduction and life habits of the simpler plants. Some time will also be given to an elementary study of the plant cell as a basis for the year's work.

b. Mosses and Ferns. In the winter term the course will cover the moss and fern groups. Special emphasis will be laid on the alternation of generations. The gymnosperm group of the seed plants will also be included in this term.

c. Seed Plants. The spring term will be devoted to anatomy, physiology, and classification of the flowering

plants. Whenever possible, cultivated plants are used as type forms. There will be some discussion of topics such as mutation, pollination and Mendel's law.

VI. Morphology of Fungi. T. Th. Three Terms.

Representative forms of the chief groups of fungi will be studied. Structure and life history will be the chief considerations. There will also be some emphasis laid on special cytology, artificial cultures, and the local flora. Whenever possible, fungi which cause plant disease will be used in the study of type forms. Other economic forms as mushrooms are also studied.

VII. Animal Ecology. M.—F. Fall Term.

A study of animals in relation to their environment. Shelford's Animal Communities in Temperate America will be used. The field work will be a study of local animal communities. The laboratory work will be an experimental study of animal behavior and will be correlated with the field study. The natural history of the vertebrates will also receive some attention.

VIII. Human Physiology. M.—F. Winter Term.

A study of the structure and funstions of the human body. Models, charts, a human skeleton, and other equipment will be used to clarify the text work. There will be some laboratory work consisting of experiments, study of microscopic slides, and gross dissections. In taking up the various systems of the body special attention will be given to their histology.

IX. General Cytology. M.—F. Spring Term.

The important cellular phenomena of plants and animals and the light they throw on biological problems will be taken up. Wilson's The Cell in Development and Inheritance will be used as a basis for the work. The laboratory work will consist mainly of fixing, embedding, staining and a study of the preparations made.

ENGLISH

Professor Keller

COMPOSITION

VI. English Composition. T. Th. Three Terms.

Weekly and fortnightly themes with a study of Canby's English Composition in Theory and Practice and representative modern English prose.

VII. Exposition and Argumentation. T. Th. Three Terms.

Studies in the function, structure and style of the different types of Exposition and argument.

VIII. Practical Public Speaking. T. Th. Three Terms.

A study of the composition and delivery of original speeches.

LITERATURE

IX. Introduction to English Literature.
M. W. F. Three Terms.

A historical and critical survey of English literature from Beowulf to Kipling, based on an outline history of English Literature and Century Readings in English Literature.

X. Study of Master-pieces. T. Th. Three Terms.

Some of the greatest productions of English and American Literatures are studied. Here the work is of a critical nature. The purpose is to develop in students the power of intelligent interpretation and the ability to unearth the priceless gems which are concealed in this great field. This work includes both prose and poetry. Themes and essays are required from time to time. Texts are to be selected.

XI. Modern English Literature M. W. F. Three Terms.

(a) Poets of the nineteenth century, with special study of Wordsworth, Tennyson and Browning.

(b) Victorian prose, with special study of Carlyle, Newman, Ruskin and Arnold.

(c) A study of English literature to the present day, with special attention to the short-story and contemporary drama.

XII. The Elizabethan Drama. M. W. F. Three Terms.

After a brief historical survey of the development of the drama in English Literature the technique, art and content of the Elizabethan drama will be studied, with special emphasis on Shakespeare. Prerequisite, English IX. Not given 1917-18.

XIII. Modern Realistic Fiction. T. Th. Three Terms.

This course will consist of lectures, discussions, and extensive readings of representative works of Austin, Scott, Dickens, Thackeray, Eliot, Meredith, Hardy, and others. Prerequisite, English IX. Not given 1917-18.

XIV. Chaucer, Spencer and Milton. T. Th. Three Terms.

Three things will be attempted in the study of each poet; a definite first-hand acquaintance with the author, his age, and his poetry. Prerequisite, English IX.

XV. Anglo-Saxon and Chaucer. M. W. F. Three Terms

The study of A S. Grammar and reading of various selections occupy the first semester of the fourth year. This subject is studiied to give the student a glimpse into one of the sources of our great language. Sweet's A. S. Primer is used. The Prologue of the Canterbury Tales and such tales as time permits, are read. Special atten-

tion is paid to historical and philological points involved. Text is to be selected. The history of the English Language is also studied. In this, special attention is given to the origin of peculiar forms in grammatical construction and in popular speech. Lounsbury's text is used.

XVI. American Literature. M.—F. Summer Term.

The development of literature in America, with readings from representative authors especially Emerson, Hawthorne, Bryant, Whittier, Longfellow, Lowell, Holmes, and Poe.

FRENCH

Professor Zook

French I. M. W. F. Three Terms.

This course aims to give a thorough and practical knowledge of the essentials of French grammar and elementary composition. Careful attention is paid to pronunciation and colloquial drill in connection with the reading of easy texts. The selections read vary from year to year. Open to college students who have had two years of foreign language.

French II. T. Th. Three Terms.

This course is a continuation of French I, and consists of reading prose selections from modern writers with conversation based on the text. Part of the course consists of a review of grammar and exercises in writing French.

GERMAN

Professor Gerig

I. German. M. W. F. Three Terms.

This is a course open to college Freshmen or other college students who desire to begin the language. The

essentials of German grammar, practice in proper pronunciation, oral and written reproduction of simple English exercises and expressions form the basis of the work. Easy German readings and conversations are introduced from the first. Particular attention is given to the individual needs of the student.

II. German. M. W. F. Three Terms.

The work of the year consists in a review of grammar topics, exercises in composition and conversation, the study of several standard works of literature chosen from both classic and modern authors. Some attention will also be given to the reading and memorizing of a few choice lyric poems.

III. Reading Course. M. W. F. Three Terms.

The first term is devoted to the rapid reading of some production of prose literature. Attention will be given to conversation and drill in discussion in the original will be attempted. The second and third terms are devoted to drama. Oral composition will supplement the reading throughout the year.

IV. Composition. T. Th. Three Terms.

The work in this course consists of translation of English exercises into German, paraphrases of stories, epistolary writing and original composition.

V. Schiller and Goethe. M. W. F. Three Terms.

This year's work will be devoted to the study of works taken from Schiller and Goethe. Several works will be assigned for collateral reading and reports on them are required. A paper on some specially assigned subject is also a part of each term's work.

VI. Lyrics and Ballads. T. Th. Three Terms.

The study of the choicest lyrics and ballads of the foremost German poets and the memorizing of a few of the shorter ones together with short biographical sketches make up this course. Prerequisite, German III. Not given 1917-18.

VII. Nineteenth Century Literature.
M. W. F. Three Terms.

The first half of the year is given to the study of the writing of the Romantic School. The selections for the last half are taken from the productions of late authors. Reports on assigned topics are required each term. Prerequisite, German III. Not given 1917-18.

VIII. History of German Literature T. Th. Three Terms.

A study of the History of German literature and the forces that have been instrumental in its development. This course is given mainly in English and may upon consultation with the instructor be open to any student of the College Department. In plan it is a combination between the recitation and lecture methods of instruction. Not given 1917-18.

IX. Scientific German. T. Th. Three Terms.

This course offers an opportunity to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, botany and the technical industries. Not given 1917-18.

X. German Romanticism. M. W. F. Three Terms.

A study of the main influences, authors and select works from the German Romantic Movement. An outline text will be used as a basis and liberal readings are required in addition to the works studied in class. Open only to students who have a thorough reading knowledge of German.

GREEK AND LATIN

Professor Zook

GREEK

I. Greek. M.—F. Three Terms.

The first two terms are devoted to elementary lessons in Greek supplemented by a number of short stories, which give the student an opportunity of applying his knowledge of Greek forms and syntax, and affords a much needed preparation for Xenophon's Anabasis, which is begun in the third term. Practice in reading at sight and comparison of Greek and English idioms receive careful attention.

II. Greek. M.—F. Three Terms.

The first of this year will be given to exercises in writing Greek prose and reading three books of the Anabasis. Grammatical forms and rules of syntax will be reviewed. Attention will be given to sight reading and principal parts of irregular verbs. In the third term three books of Homer's Iliad will be read, the literary merits of Homeric dialect carefully noted and especial attention given to the heroic hexameter.

III. Greek. M. W. F. Three Terms.

Herodotus; Xenophon; Plato.

LATIN

V. Latin. M. W. F. Three Terms.

This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. In the first year Cicero's De Sencefute and De Laelio will be read; second term Cicero's Tusculan Disputations, third term, Livy, Book V.

VI. Poetry of Horace. T. Th. Three Terms.

Odes and Epodes, Selections from Satires and Epistles.

VII. Latin. M. W. F. Three Terms.

The basis of this year's work will be the plays of Plautus and Terence.

HISTORY AND SOCIAL SCIENCE

HISTORY

Mr. Weaver

IV. American. M. F. Three Terms.

This course will cover the entire period of American History. Collateral reading is required and special topics assigned.

V. Medieval Europe. M.—F. Fall Term.

This course deals with the religious, social and political life and institutions of Europe 476-1500. Collateral reading, special reports and term papers are required.

VI. Modern Europe. M.—F. Winter Term.

This course deals with the period of European History from 1500 to 1815. Method of work same as above.

VII. Nineteenth Century Europe. M.—F. Spring Term.

This course covers the period of European History from 1815 to 1915. A study of the problems of the reorganization of Europe after 1815, the rise of democracy, the Eastern question with special emphasis on the causes of the present European war. Hazen, Robinson, Seignobos, Hayes and other books serve as a basis for the work.

VIII. English. M. W. F. Three Terms.

This course deals with English History from the beginning to the congress of Vienna, 1815. Particular emphasis on the institutional and constitutional phases of History. Terry's text will be used. Collateral reading is required. Not given 1917-18.

IX. Industrial History of the United States.
T. Th. Fall and Winter Terms.

This course deals with the industrial history from the beginning to the present day. The economic and commercial development in the United States will be especially emphasized. Not given 1917-18.

X. Industrial History of England. T. Th. Spring Term.

This course deals with the industrial and social conditions of England from the beginning to the present day. Special emphasis will be placed on such subjects as Guilds, Medieval Commerce, Industrial Revolution, and the Commerce of England. Not given 1917-18.

POLITICAL SCIENCE.

XI. American Government. M. F. Fall Term.

This course will consist of the study of the national government in action, including the organization and procedure of Congress, the powers of the Executive, and the administrative and judicial system. Not given 1917-18.

XII. European Governments. M.—F. Winter Term.

A descriptive and comparative study of the constitutional organization and practical working of the principal governments of Europe. Not given 1917-18.

XIII. International Law. M.—F. Spring Term.

This course is a general treatment of the law governing international relations in peace and war with considerable attention to the development of arbitration and international organs of administration. Not given 1917-18.

SOCIOLOGY

XIV. Sociology. T. Th. Three Terms.

This course covers the principles of sociology in the Fall and Winter term. The Spring term will be devoted to a practical application of the sociological principles studied in the previous two terms. Term papers are required. A text will be used with collateral reading.

ECONOMICS

I. Principles of Economics . M. W. F. Three Terms.

This course covers the general field of Economics, dealing with the production, consumption, distribution and exchange of wealth. Some of the modern economic problems discussed are prices, tariff, taxation, insurance, labor. A text is used with collateral reading in such works as Ely, Hadley, Seager, Walker, Marshall, Taussig.

II. Money and Credit. T. Th. Three Terms.

The history and principles of money and credit with especial reference to the monetary system of the United States. The course includes a study of the history and development of banking, and the recently established Federal Reserve System. Text and outside reading. Not given 1917-18.

III. Theory of Accountancy. T. Th. Three Terms.

The theory of bookkeeping with sufficient laboratory exercises in recording transactions to illustrate the principle of debit and credit. A special study of the work of the accountant in the formation and interpretation of the Balance Sheet, financial statements, analysis sheets, cost accounting, installation of systems, and auditing. Text and assigned reading. Not given 1917-18.

HOME ECONOMICS

I. Food and Cookery. M. W. F. Three Terms.

Practical and experimental wook in foods; a study of food production and manufacture; selections and preparation of typical foods; changes brought about by heat, cold and moisture; chemical composition; cost and desirable combinations; preparation and serving of meals. One hour lecture, two two-hour laboratory periods per week. Prerequisite, General Chemistry.

II. Food Chemistry. M. W. F. Fall and Winter Terms.

Examination and testing of food materials; food adulterations, and preservatives. Study of proteins, carbohydrates and fats, with emphasis on meat, flour, sugar and milk. Lecture one hour, laboratory two two-hour periods per week. Prerequisite General Chemistry and Foods and Cookery.

III. Nutrition and Dietetics. M. W. F. Spring Term.

Relation of food requirements to climate, age, sex and occupation; well selected dietaries and food values; demonstration and contest work. Prerequisite Food Chemistry.

IV. Bacteriology. T. Th. Winter Term.

A study of micro-organisms, sterilization, preparation of media; examination of water, milk and air; general knowledge of more important bacteria as encountered by the housewife and their relation to daily life. Prerequisite, Biology, Buchanan's Household Bacteriology. Not given 1917-18.

V. Household Sanitation. T. Th. Fall Term.

House planning, site, basement, materials, sewage disposal, water and milk supply, lighting, heating and ventilating. Collateral reading and papers.

VI. Household Administration. T. Th. Winter Term.

The cost of living, division of income, household budget, planning daily and weekly duties, domestic service, care of the house, furnishings and decorations, the efficient home. Collateral reading and papers.

VII. Hygiene and Care of Sick. T. Th. Spring Term.

A course in care of the body in health; home care of the sick, first aid and emergency work; care of infants and children. Lecture and recitation.

VIII. Advanced Sewing and Textiles.

M. W. F. Three Terms.

This course includes a study of drafting, cutting and fitting; making shirt waists and dresses; artistic, economic and hygienic dress. The process of manufacture of textiles; the study and discussion of materials as to durability and appropriateness are emphasized. The aim is to develop the critical judgment of the class.

IX. Laundry and Textiles. T. Th. Fall Term.

The principles involved in laundry, practical work, in weaving, dyeing, basketing and needle work are included in the course. Lecture and reading.

X. Evolution of the Home. T. Th. Spring Term.

Historical development of the home; the family as a social institution; the house as an expression of the family needs; study of the modern family. Collateral reading and reports. Open to Juniors and Seniors.

OUTLINE OF TWO YEAR CERTIFICATE COURSE.

First Year:—Cooking, three hours; Sewing, three hours; English, two hours; Chemistry, three hours; Psychology, five hours.

Second Year:—Food Chemistry, three hours; Household Sanitation and Management, and Hygiene, two hours; Laundry and Textiles, Bacteriology and Evolution of the Home, two hours; Biology, five hours; Economics, five hours.

MATHEMATICS AND ASTRONOMY

Professor Lehman

IV. Algebra. M.—F. Fall Term.

This course presupposes a thorough course in Elementary Algebra, the leading topics of which are briefly reviewed. It includes numerous vocational problems, logarithms, graphs, complex numbers, theory of equations, series, undetermined coefficients, permutations, combinations, probability, and the elements of determinants. Required course.

V. Trigonometry. M.—F. Winter Term.

It includes the use of logarithms, drawing to scale, computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course.

VI. Analytic Geometry. M.—F. Spring Term.

A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved.

Some of the following courses will be given if there is a demand for them.

VII. Advanced Analytic Geometry. T. Th. Three Terms.

A review and continuation of the work of Course VI. It includes higher plane curves and solid Analytic Geometry.

VIII. History and Teaching of Mathematics. M.—F. Spring Term.

Several standard works will be studied and compared. Modern methods and movements will be discussed.

IX. Calculus. M. W. F. Three Terms.

This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite IV, V, VI.

X. Advanced Culculus. T. Th. Three Terms.

This includes such topics as the theory of definite integrals, and their application to the finding of areas, series, volumes, centers of gravity and moments of inertia, and double and triple integrals.

XI. Differential Equations. M. W. F. Three Terms.

Murray's and Cohen's texts will be used.

XII. Theory of Equations. M. W. F. Three Terms.

In subject matter this course naturally follows IV. It includes the leading topics in Burnside and Panton's Theory of Equations.

XIII. Descriptive Astronomy.
Twice a Week. Three Terms.

The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are consulted.

XIV. General Astronomy.
Twice a Week. Three Terms.

This involves a more exact and thorough study of the science of astronomy than does XIII. No mathematics beyond Trigonometry and Analytics (VI) are required.

PHILOSOPHY AND EDUCATION

Assistant Professor Fisher

PHILOSOPHY

I. Introduction to Philosophy. T. Th. Fall Term.

This course is designed for beginners. It will include a definition of terms, a statement of the fundamental problems, and a characterization of the several great systems of thought. Text, lectures, readings, papers. Not given 1917-18.

II. Logic. M. W. F. Fall Term.

A study of deductive and inductive methods of reasoning. Text, lectures, exercises. Not given 1917-18.

II. Ethics. M.—F. Winter Term.

An analysis and comparative study of ethical theories. Constant reference will be made to present social and economic conditions for illustration and interpretation. The historical and constructive aspects will receive some attention. Text, lectures, readings, papers, Prerequisite I. Not given 1917-18.

IV. Contemporary Philosophy. M.—F. Spring Term.

A study of some of the writing of new realism, modern idealism, pragmatism, and Bergsonism. Readings, reports, discussions. Prerequisite, I. It will be to the advantage of the student to have had V. VI. Not given 1917-18.

V. History of Ancient Philosophy. M.—F. Fall Term.

The development of philosophy from its earliest beginnings among the Greeks to the close of the Medieval Period. Socrates, Plato and Aristotle will receive chief attention. Lectures, text, readings, papers.

VI. History of Modern Philosophy. M.—F. Winter Term.

The development of philosophy in the modern period. The rationalists, empiricists, and Kant will receive chief attention. Prerequisite I.

VII. Classics in Philosophy. M.—F. Spring Term.

The first half of the term will be devoted to the reading of a number of the typical dialogues of Plato; the second half will be devoted to the reading of Kant's Critique of Pure Reason. Reports, discussions. Prerequisites, V, VI.

PSYCHOLOGY

X. General Psychology.
M. W. F. Fall and Winter Term.

This course will concern itself mainly with the facts of normal, adult, human consciousness. Some consideration will be given to abnormal, child, social and animal psychology. The scope, point of view, and methods of psychology will be defined. The neural basis of consciousness, sensation, preception, imagination, conception, and the higher processes of reasoning, instincts, emotion, and volition will be studied. A comparative study will be made of several standard texts. Lectures, readings, papers.

XI. Educational Psychology. M. W. F. Spring Term.

The application of general psychological principles to the learning and teaching processes. The relation of instinct, thought and habit, and their educational significance; the transmission of experience, and the school as an agency of controlling experience; individual differences; formal discipline, and the transfer of training are among the topics discussed. Lectures, extensive readings, papers.

XII. Experimental Psychology. T. Th. Three Terms

A laboratory course for students who have had or are taking course X. The work of the first two terms will deal mainly with sensation and perception; the third term with tests of mental ability. The methods of experimental science will be emphasized. Note books will be required. Not given 1917-18.

For additional courses in Psychology see under Normal School, pages 55-62.

EDUCATION.

XIII. History of Education. M.—F. Fall Term.

The purpose of this course is to give an historical understanding of the present day situation and tendencies in education. Educational doctrine and practice will be traced from antiquity to the present time. The great theorists of modern times will receive special emphasis. Text, lectures, readings, papers.

XIV. Principles of Education. M.—F. Winter Term.

A study of the meaning and aim of education as defined by leading educational theorists, in the light of the biological, mental, and social sciences. Social efficiency and individual development will be discussed with a view of finding proper relation between them. Lectures, extensive reading.

XV. School Administration. M. W. F. Spring Term.

A study of the scheme of government of public education, its relation to the scheme of government of civil affairs, and the relation between local and central authority, with special reference to the system of education in Indiana. Lectures, text, readings.

XVI. Secondary Education T. Th. Spring Term.

A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, methods, management, and the relation of the high school to elementary and higher education. Text, lectures, readings, papers.

XVII. Methods of Teaching. M.—F. Spring Term.

A course for those who have have no experience in teaching. Its aim is to prepare the student to teach the common branches. Such topics as the source of study, the recitation, the study period, and individual differences will be emphasized. Texts, lectures, readings.

XVIII. Rural Education. M.—F. Summer Term.

A brief review of the sociological and economic status of rural life will preface a discussion of rural education. The following topics will be discussed: Organization and maintenance; curriculum; buildings, grounds, equipment; the teaching force; supervision. Lectures, extensive reading, papers.

PHYSICAL SCIENCE

Professor Kurtz

CHEMISTRY

II. General Chemistry. M. W. F. Three Terms.

This course aims to give the student a comprehensive view of the fundamental principles of chemistry both as a general culture subject, and as a foundation for more advanced chemical work. The work of the three terms includes (a) a study of several typical elements and such subjects as the laws of chemical combinations, solutions,

ionization, and balance; (b) the nonmetals and the subjects of chemical equilibrium, the periodic law, and molecular and atomic weights; (c) the metals and industrial chemistry.

III. Qualitative Analysis. M.—F. First Half Year.

Laboratory work, lectures and recitations on the principles and practice of Qualitative Analysis. The course consists largely of experimental work in the laboratory. In the lectures a careful study is made of the laws of chemical equilibrium, and the theories of solution and electrolytic dissociation as well as their practical application to analytical chemistry. Prerequisite, General Chemistry.

IV. Organic Chemistry. M.—F. Last Half Year.

The course deals wilh the chief classes of organic compounds both of the aliphatic and aromatic series. Prerequisite, General Chemistry.

V. Quantitative Analysis. M. W. F. Three Terms.

A careful study is made in the laboratory of the principles of gravimetic and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. For Agricultural students the analysis of feeds, soils, fertilizers and similar compounds will be taken up after the general principles of quantitative analysis have been mastered. Prerequisites, General Chemistry and Qualitative Analysis.

PHYSICS.

VI. General Physics. M. W. F. Three Terms.

This course is intended to acquaint the student with the elementary facts and general principles of physical science. Prerequisite, Elementary Physics and Trigonometry.

VII. Experimental Physics. Three Terms.

Laboratory work arranged to accompany the course in General Physics. The class meets five hours a week and the work counts for two credits. Hours to be arranged.

EARTH SCIENCE

VIII. Geology. M.—F. Fall Term.

This course will be a brief and general survey of the entire field of Geology. The purpose of the work is to become acquainted with the leading facts concerning the formation, structure and history of the earth. The geological processes. Diastrophism, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology. Not given 1917-18.

IX. Geography. M.—F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive attention.

MUSIC

Professor Ebersole
Miss Bontrager, Miss McCoy

II. Solfeggio, Ear Training, Dictation.
M. Th. Three Terms.

A review of the principles of Solfeggio I and a continuation thereof with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification and the various triads and sept-chords, chromatic passing tones, transitions and modulations.

I. Harmony. T. F. Three Terms.

A study of Scales, Intervals, Principal Triads, Cadences, Connection of Triads, Harmonization of given Melody, Subordinate Triads, Inversions, Chords of Seventh and Ninth in Major and Minor, all classes of Discords, Modulation.

II. Harmony. T. F. Three Terms.

Modulation continued, Altered Chords, Mixed Chords (all forms of modulation), Enharmonic exchange, Suspension, Appoggiatura and Anticipation, Passing tones and Embellishment, Organ Point, Florid Melodies, Accompaniments, Chorales.

III. Counterpoint. W. Three Terms.

Counterpoint in one, two, three and four part writing. Double Counterpoint, Initiative, Homophonic—free writing for piano, violin, etc., String quartet. Prerequisite Harmony I and II.

IV. Harmonic Analysis. T. F. First Half Term.

A study of Cadences, Modulation, Non-harmonic tones, etc., with special reference to harmonic construction, analyzing of works by Schumann, Chopin, Czerny and others. Prerequisite, Harmony I and II.

V. Analysis of Music Form. T. F. Second Half Year.

Study of fundamental details, figure and motive, the phrase, two and three part song form, first, second and third rondo form, sonatina, sonata, irregular forms. Prerequisite, Harmony I, II and IV.

VI. Counterpoint and Composition.

A course in advanced counterpoint; the canon at various intervals and the fugue in two, three and four voices; original composition.

VII. History and Appreciation of Music.
T. F. Three Terms.

A study of evolution and art of music beginning with that of the uncivilized and ancient peoples, continuing up through the medieval period, church and secular music, the classical, romantic and modern schools.

IV. Counterpoint and Composition. W. Three Terms.

Counterpoint in the various species in two, three and four parts. Considerable original work in vocal and instrumental composition will be done.

III. History of Music. M. Th. Three Terms.

Ancient and primitive music, religious music, dramatic music, Development of Form. The classical and Romantic Schools, modern music, biographies, and demonstrations of representative works of the leading composers.

For full Music Course see pages 82-95.

ACADEMY

Daniel A. Lehman, Principal

The work in the Academy covers four years and is outlined especially for those who contemplate the complete of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

ENTRANCE REQUIREMENTS

Students who present certificates showing that they have completed the work of the eighth grade of common school studies and those holding teachers' certificates will be admitted without examination. Those who are not sufficiently advanced to take the regular course in the Academy will be required to take preparatory work in the common branches.

REQUIREMENTS FOR ACADEMY DIPLOMA

In the Academy all courses have four hours recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the year of three terms of nine months is the unit of credit. For graduation sixteen units are required of which the following are prescribed:

English	3 units
Mathematics	2 units
Foreign Languages	2 units
Ancient History	1 unit
Science	1 unit

Electives:

Additional units chosen from above group 2 units
Electives ..... 5 units

Total for Graduation ..... 16 units

The five electives may be selected from any of the subjects in the Academy and within certain limitations from the other schools of the college.

CURRICULUM

General

FIRST TERM	SECOND TERM	THIRD TERM
FIRST YEAR		
Latin I	Latin I	Latin I
Algebra I	Algebra I	Algebra I
Botany I	Botany I	Botany
English I	English I	English I
SECOND YEAR		
Latin II	Latin II	Latin II
Ancient History I	Ancient History I	Ancient History I
Plane Geometry II	Plane Geometry II	Plane Geometry II
English II	English II	English II
THIRD YEAR		
Latin III	Latin III	Latin III
Greek I, or	Greek I, or	Greek I, or
German I	German I	German I
Zoology II	Zoology II	Zoology II
Solid Geometry IIIa	Algebra IIIb	Algebra IIIc
FOURTH YEAR		
Latin IV, or	Latin IV, or	Latin IV, or
U. S. History	U. S. History	Civics
Greek II, or	Greek II, or	Greek II, or
German II	German II	German II
Physics I	Physics I	Physics I
English III	English III	English III

Biblical

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Latin 1	Latin I	Latin I
Algebra I	Algebra I	Algebra I
English I	English I	English I
Times of Jesus	Life of Jesus	Life of Jesus
SECOND YEAR		
Latin II	Latin II	Latin II
Plane Geometry II	Plane Geometry II	Plane Geometry II
Ancient History	Ancient History	Ancient History
Biblical Intro. O. T.	Biblical Intro. O. T.	Biblical Intro. O. T.
THIRD YEAR		
Greek I	Greek I	Greek I
Zoology II, or	Zoology II, or	Zoology II, or
Botany I	Botany I	Botany I
English II	English II	English II
Biblical Intro. N. T.	Biblical Intro. N. T.	Biblical Intro. N. T.
FOURTH YEAR		
Greek II	Greek II	Greek II
Physics I	Physics I	Physics I
English III	English III	English III
Church History	Church History	Church History

ACADEMY AGRICULTURE

I. Agronomy. T.—F. Fall Term.

This is an elementary study of plants, soils, cereal crops, legumes, forage crops, weeds, and field management.

II. Horticulture. T.—F. Winter Term.

The production of both large and small fruits for home use will be studied. Recitations, laboratory work and reports.

III. Vegetable Gardening. T.—F. Spring Term.

A study of the various vegetables for home and market use will be made. Laboratory work will consist of practical work in the greenhouse and garden.

IV. Soils. T.—F. Fall Term.

This is an elementary study of different types of soils as to: formation, structure, texture, use of organic matter, use of fertilizers, drainage and general management.

V. Animal Husbandry. T.—F. Winter Term.

This course takes up the study of breeds of live stock, judging, composition of feeds, feeding and general management.

V. Poultry. T.—F. Spring Term.

A study of classes and breeds, principles of housing, feeds and feeding, incubation and care of chicks.

ENGLISH

I. English. M.—Th. Three Terms.

a. Classics: Selections for study and reading will be made from Silas Marner, Twice Told Tales, Franklin's Autobiography, Last of the Mohicans, Ivanhoe, The Lady of the Lake and As You Like It.

b. Composition and Rhetoric, including a review of grammar, two hours each week throughout the year.

II. English. M.—Th. Three Terms.

a. Classics: Selections for study and reading will be made from the House of Seven Gables, Treasure Island, Vision of Sir Launfal, selections from Odyssey, Julius Ceasar and Merchant of Venice.

b. Composition and Rhetoric, two hours each week throughout the year.

III. English. M.—Th. Three Terms.

History of American Literature and selections from Washington's Farewell Address, Webster's First Bunker Hill Oration, Chief American Poets and Short Stories. Not given 1917-18.

IV. English M.—Th. Three Terms.

History of English Literature and Selections from Burns, Carlyle's Essay on Burns, Milton's Minor Poems, Two Books of Paradise Lost, Tennyson's Idylls of the King, Palgrave's Golden Treasury, Macbeth and Hamlet.

GERMAN

German I. M.—Th. Three Terms.

The work of this year consists of a systematic study of grammatical rules and principles, the acquisition of correct pronunication, and drill in composition and conversation. Daily exercises are required from all the pupils. A number of easy poems are memorized during the year.

German II. T.—F. Three Terms.

The work of the first year is continued by a review of grammatical principles followed by the study of a number of easy prose selections. During the latter half year drama is begun. Collateral exercises in conversation and composition continue throughout the year.

HISTORY

I. Ancient History. M.—Th. Three Terms.

a. History of Greece. Given in the fall and during the first half of the winter term. Special attention will be given to constitutional, social, religious and artistic development, and to the correlation of the facts studied with present day conditions.

b. History of Rome. Given the last half of the winter and spring term. This course covers a period from the absorption of Greece into the Roman Empire to the Germanic invasions. Special emphasis is given to those factors which were influenced in determining the trend of medieval and modern civilization.

II. United States. M.—Th. Fall and Winter Terms.

The entire field will be covered. This course is to give a general survey of the history of the United States from the discovery of America to the present time. Not given 1917-18.

III. Civics. M.—Th. Spring Term.

This is an elementary course in the study of the machinery of government, and obligations and privileges of citizenship. Not given 1917-18.

HOME ECONOMICS

I. Sewing and Design. T. Th. Three Terms.

This course consists of making various stitches, seams and their application to garments for the individual student; hand and machine sewing. The principles of line, color, proportion and harmony and their relations to the home and dress are studied. Reading and reports on cotton, linen, wool and silk are required.

II. Principles of Cooking. W. F. Three Terms.

This course includes care of kitchen, preparation of typical foods and serving meals. Cleanliness and order are emphasized. The course aims to make the work practical for the student with a limited knowledge of science. Not given 1917-18.

LATIN

I. Latin. M. T. W. F. Three Terms.

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflection and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the in-

structor. An attempt is made to train the beginner to grasp the meaning of the Latin before translating, and then to render into idiomatic English. The spring term is devoted to easy reading.

II. Latin. T.—F. Three Terms.

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar.

III. Latin. M. W. Th. F. Three Terms.

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations will be read. The third term will be given to Sallust's Catiline. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. In composition work Bennett's text will be used.

IV. Latin. M. T. Th. F. Three Terms.

The fourth year will be given to the study of Latin poetry. In the first and second terms four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. The third term will be devoted to a study of Ovid's Metamorphoses.

MATHEMATICS

I. Elementary Algebra. T.—F. Three Terms.

This course passes by easy steps from problems in Arithmetic to Algebra. It includes the elements of quad-

ratic equations of proportions and variation. Many of the processes of elementary science are treated. Most of the time is spent on the fundamental processes, factoring, the statement of problems, and the solving of equations.

II. Plane Geometry. M. T. W. F. Three Terms.

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of the Euclid and other great mathematicians. Many original exercises, some of the elements of Trigonometry and application in the mechanical arts are given. Clearness of thinking is followed by accuracy of statement and logical reasoning.

IIIa. Solid Geometry. M. Th. Three Terms.

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text.

IIIb. Advanced Academy Algebra. T. F. Three Terms.

The subjects of Elementary Algebra are reviewed, with emphasis on quadratic equation, radicals, fractional exponents, proportion, variation, and the binomial theorem.

SCIENCE

I. Botany. M. T. Th. F. Three Terms.

The course will take up the study of roots, stems, leaves, flowers, and seeds of our common plants. This will be followed by a study of the simpler plants as bacteria, pond scums, molds, grain rusts, mosses, ferns, and the pine. Much consideration will be given to topics of a practical nature including forestry, plant breeding, weeds, plant industries. In the spring term the laboratory work will consist chiefly of the study and classification of flowering plants.

II. Zoology. M.—Th. Three Terms.

This course is a laboratory, text, and field study of animals. The crayfish, several forms of insects, and the earthworm will be the chief object of study in the fall term. Later in the year the work will cover fishes, frogs, reptiles, birds, and mammals. Some time will be given also to the study of microscopic animals. Supplementary work on special topics dealing with animal adaptations and economic importance will be included.

III. Physics. M.—Th. Three Terms.

This is a general course extending over the entire subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats of the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiments performed. Not given 1917-18.

MUSIC

I. Solfeggio. M. Th. Three Terms.

A thorough drill in scale and interval singing, Time subdivisions. Theoretical material essential to good sight-singing.

1. Ear Training and Dictation. M. Th. Three Terms.

Melodic and rhythmic dictation within the key. The student is taught to reproduce in writing what he perceives by hearing.

II. Solfeggio, Ear Training and Dictation.
M. Th. Three Terms.

Continuation of Solfeggio I, with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification of the various triads and sept-chords. Chromatic passing tones, transitions and modulations.

For full Music Course see pages 82-95.

BUSINESS

I. Bookkeeping . M.—Th. Three Terms.

The H. M. Rowe Budget system of Bookkeeping and Accountancy is used. The principle of debit and credit is taught by the laboratory method and applied to different lines of business. The instruction being individual, the course may be taken by beginners and advanced students. Two hours credit is given but by doing a satisfactory amount of work outside of class the student may register for four hours.

II. Gregg Shorthand. T.—F. Three Terms

The work of the first term consists of drills on simple outlines, phrases and wordsigns. Ten lessons of the Gregg Manual are covered.

During the second term lessons ten to twenty are covered, together with translations of well written shorthand articles and some practice in taking dictation.

The text of the third term is Gregg Speed Practice. Two days are devoted to dictation exercises so that the student acquires sufficient speed to enable him to make practical use of his shorthand.

III. Commercial Arithmetic. T.—F. Fall and Winter.

Practical everyday business problems with special attention given to the subjects of Measurements, Percentage, Commission, Interest, and Stocks and Bonds.

IV. Commercial Geography. T.—F. Spring Term.

Deals with the various factors that control and influence commerce, with special reference to the United States.

V. Commercial Law. T.—F. Spring Term.

This course gives the student sufficient knowledge of the laws of commerce that he may conduct his business affairs with confidence. Some of the topics discussed are Contracts, Negotiable Papers, Partnerships, Corporations, Mortgages, Wills. Not given 1917-18.

VI. Typewriting. M.—F. Three Terms.

Touch typewriting is taught on the Underwood and L. C. Smith machines. (No credit).

BIBLE

For description of the Bible courses offered as electives, see Bible School, pages 71-81.

NORMAL SCHOOL

JOHN E. HARTZLER, President
JOHN J. FISHER, Principal .... Psychology, Education
MARTHA MARTIN ..... Education
JENNY TERRILL ... Model Teacher in the Rural School
ISAAC CLAYTON KELLER ..... English
DANIEL S. GERIG ..... German
EPHRAIM J. ZOOK ..... Latin, French
WILLIAM B. WEAVER ..... History
DANIEL A. LEHMAN ..... Mathematics
JONATHAN M. KURTZ ..... Natural Science
SAMUEL S. WITMER ..... Biological Science
CHRISTIAN B. BLOSSER ..... Agriculture
VESTA ZOOK ..... Home Economics
JOHN E. WEAVER ..... Penmanship
AMOS S. EBERSOLE ..... Music
INA K. SALTE ..... Art

THE INDIANA STATE TEACHER'S TRAINING BOARD.

Having found Goshen College fully equipped for preparing teachers, has placed it on the list of "Accredited" schools doing such work for "Classes A and B".

Students are admitted to the Normal School upon graduation from a commissioned or certified non-commissioned high school. Certificates of such graduation must be filed with the Registrar before or at the time of entering.

COURSES FOR CLASS A"

(Twelve weeks)

(a) One of the following subjects: Educational Psychology, Methods, History of Education, Child Study.

(b) One common school subject .

(c) One advanced study.

(d) Observation of Teaching.

(e) The following subjects are optional: Penmanship, Vocal Music, Art.

COURSE FOR "CLASS B"

(Twenty-four weeks)

(a) First twelve weeks: Course for 'Class A" as stated above.

(b) Second twelve weeks: Same regulations as for "Class A", with no duplications, and a proper sequence of subjects.

PROGRAM OF COURSES

VIII. Elementary Psychology. M.—F. Fall Term.

An introductory course dealing mainly with the normal processes of the adult human mind, and the fundamental principle of human behavior. Sensations, images, affections, and the laws of their grouping into preception, attention, association, and memory are among the topics studied. Text, readings, papers. Open to first and second year students only.

IX. Psychology of Childhood and Youth.
M.—F. Winter Term.

In this course the genetic development will be traced from birth, through infancy, childhood, and adolescence. Consideration will be given to heredity and environment, reflexes, and instincts, and their implications for the teacher, the physiological changes of puberty, and their reaction on the mental and moral life. Text, readings, papers.

X. Advanced Psychology
M. W. F. Fall and Winter Terms.

A comparative and detailed study of several standard texts. The course will require considerable reading. while it is desirable that students selecting this course have some knowledge of the field of psychology, it will be given in such a way that a mature student having had no previous courses in the field will be able to do the work. Open only to students who have completed the second year's work.

XI. Educational Psychology. M. W. F. Spring Term.

A study of those phases of psychology which are directly connected with the learning and teaching processes. The thought process, formal discipline and transfer of training, individual differences, and tests of mental ability will be treated. Prerequisite, anyone of courses VIII, IX, or X. Texts, lectures, readings, papers.

XII. Experimental Psychology. T. Th. Three Terms.

A laboratory course open only to students who have taken or are taking course XI. Not given 1917-18.

XIII. History of Education. M.—F. Fall Term.

The purpose of this course is to give an historical understanding of the present day situation and tendencies

in education. Educational doctrine and practice will be traced from antiquity to the present time. The great theorists of modern times will receive special emphasis. Text, lectures, readings, papers.

XIV. Principles of Education M.—F. Winter Term.

A study of the meaning and aim of education as defined by leading educational theorists, in the light of the biological, mental, and social sciences. Social efficiency and individual development will be discussed with a view of finding the proper relation between them. Lectures, extensive reading, papers.

XV. School Administration. M. W. F. Spring Term.

A study of the system of government of public education, its relation to the scheme of government of civil affairs, and the relation between local and central authority, with special reference to education in Indiana. Lectures, text, readings.

XVI. Secondary Education. T. Th. Spring Term.

A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, method, management, and the relation of the high school to elementary and higher education. Lectures, readings, papers.

XVII. Methods in Teaching. M.—F. Spring Term.

A course for those who have had not experience in teaching. Its chief aim is to prepare the student to teach the common branches. Different types of teaching, the study period, school room discipline are among the topics discussed. Texts, readings.

XVIII. Rural Education. M.—F. Summer Term.

A brief review of the sociological and economic status of rural life will preface a discussion of rural education. The following topics will be discussed: Organization maintenance, curriculum, buildings, grounds, equipment, teaching force, supervision. Lectures, extensive reading, papers.

XIX. Observation of Teaching.

Hours to be arranged. Three Terms.

The College maintains a Model Rural School a short distance from the campus and easily accessible by trolley. The school is in charge of a teacher of training and experience and offers opportunity for the observation of expert teaching. The Goshen City Schools also allow students to observe in all the grades. Students are required to make written reports of their observations, and meet in conference with the instructor in charge. The purpose of the conference hour is to direct and interpret the student's observation.

Students preparing to teach in Indiana must take at least one hour of Observation per term. Two hours may be taken in any one term.

XX. Practice Teaching.

Hours to be arranged. Three Terms

A limited amount of actual training of the common branches under supervision is provided. While the class taught will be entirely in charge of the student the instructor in charge of the course will observe his teaching and will then aid and direct him by discussing his teaching in private conference. Only those having had sufficient training will be allowed to take this work.

Those desiring such teaching experience must notify the Principal of the Normal School at least three months before the opening of the term during which the work is desired, so that proper arrangements may be made to organize classes.

XXI. Normal Grammar. M.—F. Fall Term.

The aim of this course is two-fold: (1) a critical study of the essentials of English grammar, especially the sentence and parts of speech, with emphasis on the relation of words and their correct combination in sentences, and (2) a discussion of various methods of teaching the English language and particularly formal grammar, in the grades.

XXII. Arithmetic. M.—F. Winter Term.

The aim of this course is to give facility and accuracy in solving practical problems, to explain and simplify the principles underlying the subjects, and to give suggestions and training in teaching. Exercises from various books and examinations are worked; blocks, coins, weights and measures, and drawings are used in illustrating and field excursions are made for practice. While the subject matter is thoroughly treated, the methods of teaching classes of children are emphasized by lectures on the use and abuse of definitions, what subject are important, and the history of the development and teaching of Arithmetic.

XXIII. Geography. M.—F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

XXIV. American History. M.—F. Three Terms.

The work in history aims to unify and systematize the student's knowledge of the subject. Topics are chosen

that are typical in their character, which when grouped together will give a view of real movements and important phases in our history. The usual amount of time will be given to special instruction in methods of teaching.

XXV. Physiology. M.—F. Winter Term.

A study of the structure and functions of the human body. The didactic and laboratory methods are combined in such a way as to give the student a comprehensive and scientific knowledge of human physiology and the laws of health. The text work is made more clear by the aid of charts, models, and a few experiments.

XXVI. Penmanship. M.—F. Each Term.

Directions are given for the proper position at the desk, the proper movement, so that the student may learn to write legibly, and rapidly without tiring. An unshaded, simplified style is taught.

XXVII. Methods in Common Branches.
M.—F. Three Terms.

While courses XXI-XXV give considerable attention to the teaching of the subject matter, courses will be offered in which the best methods of teaching the common school subjects will receive primary emphasis. The courses are: Methods in Grammar, Methods in Arithmetic, Methods in Geography, Methods in History, Methods in Physiology, and Methods in Reading. Not all of these will be given in any one year,—the ones given depending upon the demand.

XXVIII. Vocal Music. M.—Th. Three terms.

The cultural value to a student of a course in music is alone sufficient reason for his pursuing it. This particular course in vocal music, or Solfeggio, will give him

sufficient musical knowledge and training to meet the demands made of the teacher in the public schools. The course includes a thorough drill in scale and interval singing, ear training and dictation, time subdivision sand part singing, and all theoretical material essential to good sight singing.

XXIX. Public School Music Methods.

T. Th. Fall and Winter Terms.

Purpose of public school music, problems and methods in primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, high school courses, glee club, chorus and orchestra, etc. The student must be able to sing the music at sight. Special tuition, see Page 124.

Note: For description of other courses in music see pages 82-95.

XXX. Public School Art.

Double Period. T. Th. Three Terms.

The course will present the study of nature, still life and life drawing, decorative design, perspective color theory, and primary instruction as used in public school work, with the methods of their presentation. Also the psychology of art, and the principles of supervision. Special tuition, see page 124.

HIGH SCHOOL AND COLLEGE COURSES

Are fully described in the College and Academic Departments.

SUMMER SCHOOL

Special attention is given to the training of teachers during the Summer Term. For information see Summer School and write for Summer School Bulletin.

SCHOOL OF AGRICULTURE

JOHN ELLSWORTH HARTZLER, President
CHRISTIAN B. BLOSSER, Dean .....
..... Agronomy and Horticulture
*..... Animal Husbandry and Soils
SAMUEL WITMER ..... Biology and Botany
JONATHAN M. KURTZ ..... Physical Science
DANIEL A. LEHMAN ..... Mathematics
ISAAC CLAYTON KELLER ..... English
JOHN E. WEAVER ..... Bookkeeping

It is the aim of the School of Agriculture to offer such courses as will insure not only a broad cultural education but also a thorough training in the science as well as the art of Agriculture. It is our purpose to correlate in so far as is possible the theory taught in the class room with actual practice in the fields and buildings of the College Farm.

Four distinct types of work are offered; a regular four year course of study; a twenty-four weeks short course; courses for grade teachers; and courses in the Academy for High School students.

COLLEGE COURSE

The four year course is of college grade and is organized into three Departments; a Department of Animal Husbandry; a Department of Agronomy; and a Department of Horticulture. Students are thus given the opportunity to follow their particular lines of interest. The courses in the first two years are prescribed. A considerable number of electives are allowed in the last two years as is shown in the outline of courses.

Students are required to major in one of the three Departments at the beginning of the junior year subject to the general regulations of the College.

* Instructor to be supplied.

SHORT COURSE

The twenty-four weeks course is offered for the benefit of those who have not had high school training or for other reasons are not in a position to do more extensive work. The work consists of class and laboratory exercises adapted to the special needs of young men expecting to do practical farm work.

The course is offered during the winter term of two successive years. Certificates are granted to persons who satisfactorily complete the full course.

NORMAL COURSES

Normal School courses in Agriculture are offered tion for the training of grade teachers.

ACADEMY COURSES

Courses in High School Agriculture are offered in the Academy for the benefit of students who are interested in this line of work. See page 46.

DEGREE

The amount of work required for graduation with the degree of Bachelor of Science in Agriculture is one hundred and eighty term hours.

PRESCRIBED SUBJECTS:

English	15 hours
Chemistry	16 hours
Mathematics	10 hours
Biological Science	16 hours
Physics	12 hours
Agriculture	75 hours

COURSE OF STUDY

FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Farm Crops I.....3	Farm Crops I 3	Farm Crops II... 3
Chemistry II 3	Chemistry II 3	Chemistry II 3
English VI 2	English VI 2	English VI 2
Botany IV 5	Botany IV.....5	Agricultural Botany ...5
Animal Husbandry VIII.2	Animal Husbandry VIII.2	Animal Husbandry VIII.2

SECOND YEAR

Animal Husbandry I...3	Animal Husbandry I...3	Animal Husbandry I...3
Chemistry III 5	Chemistry III, Soils IV.5	Soils IV.....5
Mathematics IV.....5	Mathematics IV.....5	Animal Husbandry VII..5
Zoology III.....3	Zoology III 3	Entomology.....3

THIRD YEAR

Agronomy V.....3	Agronomy V.....3	English XI.....3
English XI 3	English XI.....3	Physics VI, or.... ... 4
*Physics VI, or.....4	Physics VI, or.....4	Horticulture I.....5
Animal Husbandry II...5	Agronomy X.....5	Electives 7
Electives..... 4	Electives 4	

FOURTH YEAR

Agronomy VIII 3	Agronomy VIII 3	Agronomy IX 3
**Economics IIV 3	Economics XIV 3	Agronomy XI.....3
Electives 9	Electives 9	Electives 9

* Required of Students who have not had Physics 1.

** Seniors expecting to teach Agriculture are required to take Education courses VIII, XII and Agronomy XII.

ANIMAL HUSBANDRY

I. Animal Husbandry. M. W. F. Three Terms.

This course is a study of the most important breeds of live stock; includes production, care, management and judging. Laboratory work consists of judging and the actual care of live stock on the College Farm.

II. Dairy Husbandry. M.—F. Fall Term.

A study of milk production and milk products, milk testing, separating, buttermaking, cheesemaking, and practical cow-testing.

III. Live Stock Judging. M.—F. Spring Term.

A laboratory course designed for students who major in Animal Husbandry. Laboratory work consists entirely of practical judging of different classes of live stock. Prerequisite course I. Not given 1917-18.

IV. Animal Breeding. M. W. F. Winter Term.

This course deals with the underlying principles of animal breeding with particular reference to the choosing of foundation stock, selection, pedigrees of breeding animals, the development of young stock, the general management of the breeding business, and breeders' associations. Prerequisite course I.

V. History of Breeds. M.—F. Fall Term.

This course takes up the origin of the breeds of live stock and the methods of establishing and maintaining pure bred and high grade herds and flocks. Prerequisite course I. Not given 1917-18.

VI. Veterinary Science. M. W. F. Fall Term.

A course which deals with the gross anatomy and physiology of the animal body, particular attention being given to the diagnosis and treatment of common diseases of farm animals. Prerequisite course I and Zoology IV. Not given 1917-18.

VII. Feeds and Feeding. M.—F. Winter Term.

This course takes up the problems of animal nutrition, feeding standards, feeding stuffs, calculating rations, preparation of feeds, manurial value of feeds, and feeding practice on the farm. Prerequisite course I.

VIII. Poultry Husbandry. T. Th. Three Terms.

This work begins with a study of the breeds of poultry and includes the study of housing, feeding, hatching

and rearing of chicks, poultry diseases, fattening and marketing. The course is arranged with reference to seasonal sequence and the laboratory work consists of actual management of flocks, judging, and preparation for market.

AGRONOMY

I. Farm Crops. M. W. F. Fall and Winter Terms.

A laboratory and class room study of the history, botanical characters, adaptations, distribution, and culture of the principal cereals with reference to local conditions. Laboratory work in grain judging and seed testing

II. Forage Crops. M. W. F. Spring Term.

A study similar to course I, of the legumes, grasses, and other forage crops.

III. Weeds and Weed Control. M. W. F. Fall Term.

This course deals with the habits, collection, identification and control of noxious weeds, and their relation to farm crops.

IV. Soils. T. Th. F. Fall and Winter Terms.

Lyon, Fippin and Buckman's "Soils" is used as a text. The work covers such subjects as the physical properties of soils, organic matter, colloidal matter, soil water, heat control of soil water, etc. Laboratory and recitations.

V. Agricultural Chemistry. M.—F. Last Half of Year

The first part of this course takes up the principles of quantitative analysis and is followed by the chemistry of feed stuffs, soils, fertilizers, etc. Prerequisite, General Chemistry and Qualitative Analysis.

VI. Soil Survey. M.—F. Spring Term.

A soil survey will be made of a limited area near the College. Lecture, laboratory, and field work. Not given 1917-18.

VII. Soil Management. M.—F. Winter Term.

This course deals with the practical methods of increasing and maintaining soil fertility, improvement of worn out soils, and the food requirements of common crops.

VIII. Farm Management.
M. W. F. Fall and Winter Terms.

This course deals with the problems of choosing and equipping a farm, types of farming, maintenance of fertility, capital required, systems of rental, laying out the farm, systems of cropping, and marketing of farm crops. Not given 1917-18.

IX. Farm Bookkeeping. M. W. F. Spring Term.

A course in practical farm bookkeeping especially designed to meet the needs of those students who expect to do practical farm work. Not given 1917-18.

X. Farm Machinery. M.—F. Winter Term.

This course deals with the principles and practice of operating farm machinery, including tillage, seeding and harvesting implements, manure spreaders, feed mills, wagons, pumping machinery, steam engines and gasoline engines, and the principles of cementing.

XI. Farm Engineering. M. W. F. Fall Term.

This course is a study in the laboratory, field, and class room of farm drainage, irrigation, roads, farm motors, farm structures and farm sanitation. Not given 1917-18.

XII. Agricultural Education. M.—F. Spring Term.

This course takes up a brief review of the history of agricultural education and includes also, methods of teaching, planning and organizing of courses, selection of subject matter, and equipment. Not given 1917-18.

HORTICULTURE

I. Horticulture Practice. M.—F. Spring Term.

A course in general horticultural practice designed to meet the needs of students who expect to return to the farm as well as an introduction to succeeding courses. Includes practice in seed germination, transplanting, tillage, grafting, pruning, spraying, hot bed construction and management, and planning the home garden.

II. Vegetable Gardening. M.—F. Spring Term.

A study of common vegetable crops and the management of the home garden, garden planning, garden rotation, succession and companion cropping, hot bed and cold frame construction and management. Laboratory work will consist largely of actual gardening.

III. Small Fruits. T. Th. Fall Term.

The strawberry, raspberry, blackberry, gooseberry, currants and grapes will be studied with reference to their history, methods of planting, pruning, soil fertilization, cultivation, insect control, and harvesting.

IV. Orchard Fruits. T. Th. Winter and Spring Terms.

This course will be a study of home and commercial orcharding, laying out, planting, pruning, and care of the young orchard, renovation of old orchards, harvesting, grading, packing and sorting of fruit. Prerequisite course I.

V. Systematic Pomology. M.—F. Winter Term.

This course includes botanical classification of the common fruits and the identification and judging of orchard fruits. Prerequisite course I.

VI. Landscape Gardening. M.—F. Fall Term.

This course deals with the principles of landscape gardening with particular reference to the laying out and planting of the home grounds and school grounds. Work begins with a study of ornamental shrubs, vines and trees adapted to landscape work. Not given 1917-18.

VII. Agricultural Botany. M.—F. Fall Term.

A study of the structure and physiology of agricultural plants, methods of propogation, and classification.

VIII. Plant Pathology. M.—F. Fall Term.

This course deals with the nature, causes and control of garden and orchard crops and includes collection of specimens, laboratory and field studies. Not given 1917-18.

IX. Economic Entomology. M.—F. Spring Term.

This course treats of economically important insects with special reference to life history, habits, injury to plants, and methods of control. Laboratory work includes identification, classification, and field studies. Prerequisite Zoology III.

X. Plant Breeding. M.—F. Winter Term.

This course is a study of the principles of variation, mutation, heredity, and plant breeding with reference to their application to the improvement of agricultural plants.

BIBLE SCHOOL

JOHN E. HARTZLER, President .
IRVIN R. DETWEILER, Dean ..... New Testament
JONAS S. HARTZLER ..... Bible Geography
AMOS E. KREIDER ..... Old Testament
WILLIAM WEAVER ..... History
MARY HOOLEY ..... English
AMOS EBERSOLE ..... Vocal Music

The Bible School is organized and maintained to meet the needs of two classes of students. It aims to give all students an opportunity to obtain a comprehensive knowledge of the great themes of the Bible while they are at the same time taking their training in college. It also aims to give special opportunity for thorough Bible study to those who are planning to take up direct religious work. The school gives the student a broad and practical knowledge of the history, literature and thought of the Bible by the best methods of interpretation and independent study. The courses vary in scope and method so that the need of practically every one may be served.

The curriculum is so arranged and the coures so planned that the best inductive methods may be used. The student is taught theology after the way has been carefully prepared by the inductive, practical and scriptural methods. Instead of approaching the themes in theology from a dogmatic or philosophic point of view the student makes his own generalization after the data has been carefully gathered in the earlier courses by the help of the instructor.

REGULAR COURSE

This course covers two years and is open to those who have completed a four year Academy or High School course. In addition to the careful inductive and exegetical work in the English Bible, both Old and New Testament, several courses in the Greek New Testament and an introductory course in Old Testament Hebrew are given. These with the work in Theology, Practice, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially helpful to Missionaries, Church and Sunday School workers.

CURRICULUM

FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Old Testament I	Old Testament II	Old Testament III
New Testament I	New Testament II	New Testament III
Bib. Theology I	Bib. Theology II.	Bib. Theology III
Greek III	Greek III	Greek III
Principles of Rel. Ed.	The Church School	Psychology of Religion

SECOND TERM

Old Testament IV	Old Testiment IV	Old Testament V
New Testament IV	New Testament V	New Testamont VI
Bib. Theology IV	Bib. Theology V	Bib. Theology VI
Greek IV	Greek IV	Greek IV

Electives from Either New Testament or Church History

PROGRAM OF COURSES

OLD TESTAMENT LITERATURE AND INTERPRETATION

Special attention is given to the chronological order of the scripture material and the historical settings of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

I. History. M. W. F. Fall Term.

The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings, and Chronicles that deal with this period.

II. Prophecy. M. W. F. Winter Term.

Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.

III. The Southern Kingdom. M. W. F. Spring Term.

The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah.

IV. Babylonion Period. M. W. F. Fall and Winter Term.

The literature of the Babylonian period of Judah's History, Babylonian Exile, the Greek age to the Maccabean revolt. The same aim and method in the study of Old Testament History and Prophecy will be continued as in Course I. Not given 1917-18.

V. Poetry and Wisdom. M. W. F. Spring Term.

A general survey of the Hebrew Poetry and Wisdom Literature with a more careful study of the characteristic selections. The aim is to familiarize the student with this phase of Old Testament literature. Not given 1917-18.

NEW TESTAMENT LITERATURE AND INTERPRETATION

This course aims to make the student familiar with the origin and development of our New Testament writings. In the study of the several books each book is con-

sidered with respect to its historical setting, literary character, author, first readers, occasion, aims, and social ethical and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

I. Gospel of Luke. T. Th. Fall Term.

In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

II. The Book of Acts. T. Th. Winter Term.

The beginning of Christianity, growth in Palestine and the work of Paul.

III. Pauline Epistles. T. Th. Spring Term.

The general principles of introduction are used in a study of Pauline Epistles with a careful study of Galatians and Phillipians.

IV. Gospel of John. T. Th. Fall Term.

A thorough inductive study of the Gospel. Development of thought is traced and the leading terms of the Gospel are studied in preparation for a study of Johannine Christology in the following course. Not given 1917-18.

V. The Epistles of John. T. Th. Winter Term.

The epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature. Not given 1917-18.

VI. The Catholic Epistles. T. Th. Spring Term.

The Epistles of James, Peter and Jude. The same inductive and analytical method will be used as in the preceding courses. Not given 1917-18.

LANGUAGE

I. Greek. M. W. F. Three Terms.

The first two terms are devoted to a mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the grammar studied in the preceding terms. Prerequisite, two years training in language study.

II. Greek. M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke, Word study and the application of moods and tenses of the Greek language. The grammatical study with special emphasis on syntax will continue through the year. Prerequisite course III or its equivalent of classical Greek.

III. Greek. T. Th. Three Terms.

A translation of the Acts of the Apostles, miscellaneous epistles and selections from Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

EXEGESIS

IV. Greek. T. Th. Three Terms.

The Epistles to the Romans and the Hebrews are studied. Special attention will be given to the problems and teachings of the primitive church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study using only the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase.

BIBLICAL THEOLOGY

I. Worship and the Legal Elements in the Old Testament. M. W. F. Fall Term.

A general scope of the priest's work, the history of worship, with a study of Israel's codes of law in their original meaning and their influence upon the legal codes of subsequent times.

II. Christian Ethics. M. W. F. Winter Term.

A study of the ethical ideas and ideals as taught and exemplified in the New Testament. Some attention will be given to the relation of this teaching to the Hebrew ethics of the Old Testament; relative value of Graeco-Roman ethics; application of Christian ethics to present day living.

III. Introduction to the Study of Theology. M. W. F. Spring Term.

The nature of religion, materials of Christian theology, the relation of theology to philosophy and to history with a careful study of the nature, source and method in theology.

IV. Teaching of Jesus. M. W. F. Fall Term.

This course is based on the historical and careful exegetical study of the New Testament. A working knowledge of the Greek, while a great help, is not absolutely required. The aim is to give a thorough acquaintance with the materials, the fundamental principles in the teaching of Christ, and to give practice in gathering and utilizing such material. Jesus' conception of the Kingdom of Heaven, of prayer, and of kindred subjects will be given attention. Not given 1917-18.

V. Teaching of Paul. M. W. F. Winter Term.

The method and aim of Course IV will be continued through this course. The special aim will be to ascertain Paul's exact teaching on the Law, Sin, Grace, the Flesh and like subjects. Not given 1917-18.

VI. Apostolic Church. M. W. F. Spring Term.

The aim of this course shall be to trace carefully the origin, problems, and development of the early church. Not given 1917-18.

PRACTICAL THEOLOGY

I-II. Homiletics. T. Th. Fall and Winter Terms.

Preaching and the preacher; the theory of preaching; various kinds of sermons; the text; essential qualities of a sermon, with practical work in constructing and writing sermons will constitute the main work of this course.

III. Evangelism. T. Th. Spring Term.

The text will cover the subject of The Present Call; Pastoral Evangelism; The Price of Power; Personal Evangelism; Evangelistic Preaching; Pulpit Power; Special Revival Periods; Method of Revival Work, and others of great importance to the modern preacher. Not given 1917-18.

RELIGIOUS EDUCATION

I. Principles of Religious Education. M. W. F. Fall Term

This course is designed to give the student a brief survey of the history of religious education, its aims and place in the church and home, and a working knowledge of the principles that should guide every effort in the teaching activity of the church.

II. The Church School. M. W. F. Winter Term.

This is a study of the principles and methods of teaching and organizing the teaching work of the church; a study of the religious aspect of child life and youth, and its bearing on the work of the Sunday School.

III. Psychology of Religion. M. W. F. Spring Term.

A study of religious experience with the purpose of understanding the factors which are important in the growth of Christian character. It is a study of the fundamental elements of the religious life. Special attention will be given to the study of the adolescent period. Prerequisite General Psychology.

ENGLISH COURSE

There are those who are or might be effective workers in the Lord's cause who have a very limited education, and who have no knowledge of Greek, and are otherwise not prepared to take the regular course, but desire a better knowledge of the English Bible.

The English course has been outlined for their special benefit. The Bible subjects in this course are studied from the sacred book itself and not from books about the Bible.

TWO YEARS COURSE.

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Times of Jesus	Life of Jesus	Life of Jesus
Biblical Intro. O. T.	Biblical Intro. O. T.	Biblical Intro. O. T.
English I	English I	English I
History 1	History I	History I
Music	Music	Music
SECOND YEAR		
Biblical Intro. N. T.	Biblical Intro. N. T.	Biblical Intro. N. T.
Church History	Church History	Church History
The Origin of Bible	Early Church	Life of Paul
Missions	Personal Work	Personal Work
	Homiletics	Homiletics

Biblical Intro. Old Testament. T.—F. Three Terms.

The purpose of this course is to give the student a thorough working knowledge of the Old Testament in English. The student will read the entire Old Testament and locate each book in its chronological order. Outline certain books; write papers on selected subjects. Attention will be given to the literature of the Old Testament history of the Hebrews and reading of the entire prophetic literature.

Biblical Intro. New Testament. T.—F. Three Terms.

This course aims to give the student a servicable knowledge of the books of the New Testament. The text book is the Bible with some outside reading.

Times of Jesus. T.—F. Fall Term.

Geography, history, customs, religious sects and ideas, historical relations of the life and teachings of Jesus.

Life of Jesus. T.—F. Winter and Spring Terms.

An inductive study of the life of Jesus on the basis of the Gospels.

The Origin of the Bible T.—F. Fall Term.

A study of the history of the Bible as the expression of the religious life of Israel; the life of Jesus and the growth of Christianity in the literature of the New Testament.

The Early Church. T.—F. Winter Term.

The beginning and growth of the church in Palestine and the expansion of Christianity into the Roman Empire on the basis of the Book of Acts.

The Life of Paul. T.—F. Spring Term.

A chronology of his life, his conversion, his missionary journeys, his attitude toward the church of Jerusalem, as a missionary and the character of his letters.

Missions. T.—F. Fall Term.

A general introduction to the study of modern missions, principles, methods and aim.

Personal Work. T. Th. Winter and Spring Terms.

An inductive study based on the scripture with application to modern men and methods. General principles, motives, message, method and aim.

Homiletics. W. F. Winter and Spring Terms.

Construction and delivery of addresses and sermons.

Church History. T.—Th. Three Terms

This course will cover an outline of Church History from the beginning of the church to the present time. The first term will cover the history from the beginning to 590 A.D. The second term will cover from 590 A.D. to the Reformation. The third term will extend from the Reformation to the present time.

SHORT BIBLE TERM

The short course in Bible study has been a feature of the institution for a number of years and has become a great help to many young people, Sunday School workers and the ministry.

In addition to the regular instructors of the Bible School H. Frank Reist, President of the Mennonite Board of Education and Editor of the Christian Monitor will offer two courses; one in Sunday School Lessons for 1918 and a second in Methods of Religious Education.

The courses offered for 1918 are as follows:
Sunday School Lessons for 1918.
Methods of Religious Education.
Life of Christ.
Old Testament Prophecy.

Vocal Music.
A Study of Missions.
Courses in Agriculture.
Courses in Domestic Science.

The work in this course is done as thoroughly as can be expected in six weeks. The same attention is given in this work as in any department of the institution. Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. The student is taught how to study his Bible independently.

During the short course the student rooms and boards at the school which gives him all the time between classes for study and preparation of definite assigned lessons. He has the opportunity to meet and become acquainted with the large number of young men and women who are attending college.

The library gives large opportunities for reading and selecting books for future use. It contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts to all of which the student has free access.

Note. Courses are so arranged that those who desire to remain longer than six weeks may, by special permission enter the regular courses.

ENGLISH AND HISTORY

For description of these courses see pages 23 and 47; 29 and 48 respectively.

MUSIC

For description of these courses see pages 82-95.

SCHOOL OF MUSIC

JOHN E. HARTZLER, President.
AMOS S. EBERSOLE, Director....Voice, Theory, Choral
SYLVIA BONTRAGER ..... Piano, Theory
OPAL McCOY ..... Harmony, Music History
ELVINA EBERSOLE ..... Voice, Solfeggio, Dictation
GERARD DINKELOO ..... Public School Music
INA K. SLATE ..... Public School Art
ISAAC CLAYTON KELLER ..... English

GENERAL STATEMENT

Music is no longer considered a mere luxury for the select few but an essential part of the present day education. No education can be considered complete without a fair knowledge and appreciation of music. The reading and writing of music demands concentration and rapidity of thought and action and its value as a mental discipline is unsurpassed.

For those who wish to specialize in music as a profession there are now abundant opportunities in the public schools and colleges, and as private teachers, as soloists, evangelistic singers and as accompanists.

It is the particular aim of the School of Music to give thorough instruction in such practical and theoretical studies in music as will properly qualify the student for the profession as teacher and artist. The courses of study are especially designed, however, to meet the requirements of three classes of students.

First. Students who are candidates for a certificate or diploma in music.

Second. Students registered in the other departments of the college, taking some form of music as a part of their regular college course.

Third. Special students who may take one or more studies in this department, although not otherwise registered in the college.

Note: The two classes of students who are not candidates for a diploma in music may select any of the practical or theoretical subjects they desire for which they are qualified.

ADVANTAGES OF MUSIC STUDY IN A COLLEGE

The College School of Music offers every advantage that private instruction can offer and many others both directly and indirectly. Here the student constantly mingles with others who are studying the same subjects and also with others who are studying in widely different fields. This creates an atmosphere at once conducive to effective work and broad culture. Ensemble work in theoretical subjects as well as in voice, piano, chorus and glee club are given most advantageously in a college school of music. Frequent recitals and lectures, literary programs, student activities, courses in other departments and other features of college life of great value are found here, many of which are open to the students of music without cost. The beginner in music is as readily accepted by the school as is the more advanced student.

COLLEGE CREDIT FOR MUSIC

College credit to the extent of twenty-seven term hours is given for work in harmony, history of music, solfeggio and dictation II and other courses in the theory of music. Academy or high school credit is given for work in public school music methods, and public school art. The amount of work that normal students may take in music depends on the courses for which they register and the kind of teaching for which they are preparing.

COURSES

I. Teacher's Certificate Course.

II. Diploma Course in Singing.

III. Diploma Course in Piano.

IV. Supervisors' Course in Public School Music and Art.

V. Choristers' Course.

TEACHERS' CERTIFICATE COURSE

This course is intended to qualify for a musical career as a private teacher or for conducting and teaching in institutions, normals, schools, etc. Outline of required studies is here given with the time required for the average student possessing a general knowledge of the elements of music at the start.

FIRST YEAR.

Piano and Voice, at least two half periods each per week.
Solfeggio I.
Ear Training and Dictation I.
Harmony I.
Vocal Expression.
College or Academy Subject.
Attendance at recitals and concerts.

SECOND YEAR.

Piano and voice.
Solfeggio and Dictation II.
Harmony II.
History and Appreciation of Music.
Choral.
Church Music.
College or Academy Subject.
Part in Recitals and Concerts.

THIRD YEAR.

(a) For students majoring in Piano.
Piano.
Harmonic and Formal Analysis.
Counterpoint.
Normal Piano Methods.
Sight Playing.
Ensemble.
Public Recital.

(b) For students majoring in Singing.
Voice.
Harmonic and Formal Analysis.
Counterpoint and Composition.
Vocal Methods.
Theory and Practice of Conducting Chorus.
Public Recital.
Foreign Language.
Choral.

DIPLOMA COURSES

These courses are intended for those who wish to do more highly specialized work in piano and in voice than is possible in the shorter course. A diploma of graduation will be awarded those who satisfactorily complete either course as outlined below. Time required is from one to two years in addition to Course I.

REQUIREMENTS

1. For Piano
   Completion of Course I.
   Continuation of Piano.
   Counterpoint and Composition.
   Accompaniments or Ensemble.
   College Subject, optional.
   Public Recital.

2. For Singing
   Completion of Course I.
   Voice Culture.
   Repertoire Building.
   Counterpoint and Composition.
   College Subject, optional.
   Public Recital.

PUBLIC SCHOOL MUSIC AND ART

This is a two year course especially designed for prospective teachers and supervisors of music and art in the public schools. It consists of thorough and systematic courses in such subjects as are directly essential to successful teaching and supervising. It includes, besides Harmony, History of Music, Voice Culture and Piano, a study of suitable material for all the grades and the high school, and the best methods of presenting the same.

The city schools offer an opportunity for extensive observation. Some practice teaching is done in the class.

A year's work in art has been added to this course in response to the increasing demands for persons who can teach this subject in connection with music. While it is not obligatory, the student is strongly urged to take it, thus preparing himself, under expert direction and at little cost, for a better position and a much better salary.

FIRST YEAR.

Piano and Voice, at least two half periods each per week.
Solfeggio I.
Ear Training and Dictation I.
Harmony I.
Public School Art, optional.
College Subject.
Recitals and Concerts.

SECOND YEAR.

Piano and Voice.
Solfeggio and Dictation II.
Harmony II.
History and Appreciation of Music.
Public School Music Methods.
Observation in City Schools.
Psychology.
Choral.
Recitals and Concerts.

Note: Candidates for a certificate of graduation from this course must be graduates from a first class high school or its equivalent.

CHORISTERS' COURSE

This course is designed for choristers, evangelistic singers, etc., who can spend only a short time in school. Talented students can complete the course in one year.

Studies involved are: Voice, Solfeggio, Ear Training and Dictation, Methods, one Bible and one Academy or College Subject.

DESCRIPTION OF THEORETICAL COURSES

I. Harmony. T. F. Three Terms.

A study of scales, Intervals, Principal Triads, Cadences, connection of Triads, Harmonization of given Melody, Subordinate Triads, Inversions, Chords of Seventh and Ninth in Major and Minor, all classes of Discords, Modulation.

II. Harmony. T. F. Three Terms.

Modulation continued, Altered Chords, Mixed Chords (all forms of modulation), Enharmonic exchange, Suspension, Appoggiatura and Anticipation, Passing tones and Embellishment, Organ Point, Florid Melodies, Accompaniments, Chorales.

III. Counterpoint. W. Three Terms.

Counterpoint in one, two, three and four part writing, Double Counterpoint, Initiative, Homophonic—free writing for piano, violin, etc., String quartet. Prerequisite Harmony I and II.

IV. Harmonic, Analysis. T. F. First Half Year.

A study of Cadences, Modulation, Non-harmonic tones, etc., with special reference to harmonic construction, analyzing of works by Schumann, Chopin, Czerny, and others. Prerequisite Harmony I and II.

V. Analysis of Music Form. T. F. Second Half Year.

Study of fundamental details, figure and motive, the phrase, two and three part song form, first, second and third rondo form, sonatina, sonata, irregular forms. Prerequisite Harmony I, II and IV.

VI. Counterpoint and Composition.

A course in advanced counterpoint; the canon at various intervals and the fugue in two, three and four voices; original composition.

VII. History and Appreciation of Music.
T. F. Three Terms.

A study of the evolution and art of music beginning with the uncivilized and ancient peoples, continuing up through the mediaeval period, church and secular music, the classical, romantic and modern schools.

I. Solfeggio. M. Th. Three Terms.

A thorough drill in scale and interval singing, time subdivisions, and part-singing theoretical material essential to good sight singing.

I. Ear Training and Dictation. M. Th. Three Terms.

Oral and written melodic and rhythmic dictation within the key, in one and two parts, recognition of principal triads.

II. Solfeggio, Ear Training, Dictation.
M. Th. Three Terms.

A review of principles of Solfeggio I and a continuation thereof with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification of the various triads and sept-chords, Chromatic passing tones, Transitions and Modulations.

Sight Playing and Accompanying. M. Th. Three Terms

It is the aim of this course to develop in the student the ability to think clearly and act quickly, thus enabling him to play difficult music at first sight. The work is done in small classes in the piano studio. Some time is given to the study and practice of transposition. The art of accompanying will also be taken up, and will be made directly practical to the student by requiring at least one hour per week during two terms in the voice studio.

Normal Piano Methods. W. Three Terms.

A course in elements and application of modern methods in teaching with special reference to children and intermediate grades. Particular phases will be emphasized by demonstration in actual teaching. Each student will be required to teach a selected pupil under observation of the class and direction of the instructor.

Normal Vocal Methods and Conducting. W. Spring Term.

Lectures and round-table discussions on various phases of voice culture and song interpretation, and practice teaching. Organization and conducting of choruses will receive serious consideration.

Church Music. W. Winter Term.

Informal lectures on the history, general character and present day usage of church music, with special reference to the hymn and congregational singing. Considerable attention will also be given to leadership in singing, song selection and various other practical phases of worship-music will be taken up.

Public School Music Methods. T. F. Three Terms.

Purpose of public school music, problems and methods in the primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, material for all occasions, high school course, glee club, chorus and orchestra, observation in city schools, etc. The student must be able to sing the music to be used at sight.

Public School Art. Double Period. M. Th. Three Terms.

This course will present the study of nature, still life and life drawing, decorative design, perspective, color theory, and primary instruction as used in public school work, with the best methods of their presentation. Also the psychology of art, and the principles of supervision.

PRACTICAL COURSES

It is impossible to give a definite outline of the courses of study in singing and in playing for the reason that they vary more or less for each student according to his individual requirements.

The following outline of studies for the piano and the voice indicate the standard of technical difficulty in the various grades. The time required is usually three or four years for the average student having some knowledge of the elements of music to begin with but much depends upon the ability of the individual to make progress.

PIANO

"Few, even among educators, estimate at its true worth the immense organic training involved in the art of piano playing. Quite aside from the value of the Music and its spiritual enlightenment, a boy (or any person) gains so much in the general perception, in actual development of hands and eye, in quick muscular response to an intellectual purpose, that the mastery of the piano is worth while in and for itself. It is manual training of the first order in addition to being an art which opens up such a large avenue for self-expression, and supplies one more vital interest for the enrichment of daily life." From "What is it to be Educated?", by C. Hanford Henderson.

I. FOR THE TEACHERS' CERTIFICATE COURSE.

Elementary.

Technical exercises, Scales, Studies, Sonatinas and pieces by Clementi, Kuhlau, Kullak, etc.

Intermediate.

Technical exercises, Scales, Arpeggios, Double Thirds, Octaves, Studies by Czerny, Cramer and Clementi, Sonatas and pieces by Haydn, Mozart, Bach, Schumann, etc.

Advanced.

Studies by Clementi, Czerny and Chopin, pieces by Bach, Beethoven, Chopin, Schumann and modern composers.

II. FOR THE DIPLOMA COURSE.

Advanced studies by Chopin, Liszt, pieces by Bach, Beethoven, Brahms, Modern Composers, including concerto from the following: Beethoven, Chopin, Saint Saens, Tschaikowsky, MacDowell.

PIANO LESSONS FOR CHILDREN

These lessons will be given by the regular instructor in piano, who has made a special study of this department. They are twenty-minutes in length, and may be taken after school or on Saturdays. A special rate of tuition is given. See Expenses, page 124.

VIOLIN

The School of Music does not offer courses in violin, but arrangements can be made with private teachers for those who wish to study this instrument.

SINGING

Cultivation of the voice in singing as well as in elocution is now being regarded as an important branch of education by the leading men of our colleges and universities. Yet, perhaps no cultural subject has been more neglected. To sing well requires a thorough knowledge of the voice and how to use it. Hence the formation of a good technical foundation is of first importance. It is the further aim to develop interpretative ability and to cultivate in the student an artistic taste and an appreciation of the best works of art.

I. FOR THE TEACHERS' CERTIFICATE COURSE.

Grade I.

Principles of breathing as applied to Tone production, Voice Placing, Vocalization, Enunciation, Elementary Vocalises and suitable songs.

Grade II.

Principles of grade one continued according to the requirements of the individual pupil. More difficult technical exercises and songs, Ensemble.

Grade III.

Advanced Vocalization, Interpretation, Ensemble. Repertory, Songs from Schubert, Franz, Brahms, Greig, Wolf, MacDowell and others.

II. FOR THE DIPLOMA COURSE.

Masterpieces of Vocalization, Interpretation, Repertory. For graduation the student must have a repertoire as follows: Five songs, each Schubert, Schumann, Brahms, Franz, and Rubenstein or equivalent. Ten songs by modern foreign composers; twenty-five songs by American composers. Must know the solos for his voice in three oratorios to be selected by the teacher.

THE PHILHARMONIC CHORUS

This organization has an active membership of fifty men and women and meets once a week throughout the school year for rehearsal. Standard choral works of a varied nature are studied and rendered in public concert each year. Some of the oratorios studied are "The Redemption" (Gounod), "The Messiah", "Acis and Galatea", "St. Paul", "The Creation". Also many single chorus numbers.

Regular music students with the proper qualifications are required to sing in this chorus.

THE COLLEGE GLEE CLUB

This organization is composed of a body of sixteen men from all departments of the college. Regular weekly rehearsals are held throughout the year. A number of concerts are given in surrounding cities and towns during the winter and spring terms. All men with sufficient singing ability are eligible for application for membership.

THE GIRLS' GLEE CLUB

An organization similar to that of the Men's Glee Club has been brought forward for the benefit of the talented young ladies of the college. All girls with sufficient singing ability are eligible for membership.

THE PIANO QUARTET

This quartet is composed of persons selected from the advanced classes of the piano department. Weekly rehearsals are held and occasional public performances are given.

SPECIAL TUITION

The following reduced prices are given to those taking a complete course in Music as outlined.
Voice or Piano:

24, 25 minute lessons $26.00
24, 25 minute or 12, 50 minute lessons 14.50

Voice under Assistant:
24, 50 minute lessons 21.00
24, 25 minute or 12, 50 minute lessons 11.00

Choral, listed Theoretical subjects (Public School Music Methods and Art not included), one Academy or College subject and piano rent three hours daily, $15. Third year, $17.00.

GENERAL INFORMATION

All the students of the School of Music are subject to the general college regulations.

Students or those contemplating study are invited to consult freely with the Director relative to their work or plans for work. Special arrangements will be made for the convenience of those who wish to come to the School of Music for private lessons only.

Frequent lectures and recitals by members of the faculty and prominent lecturers and musicians from outside of the school and also student recitals are given during the year.

No student is permitted to miss lessons or practice or to be absent from recitals without sufficient excuse.

Lessons missed by temporary absence and those falling regularly on legal holidays and on the last two days of a term may be made up at the convenience of the instructor, or cancelled. Regular students may select one college or academy study each term without extra tuition.

Those who wish to finish the Teachers' Certificate Course must be students of the School of Music for at least three terms. For the Diploma Course four terms.

The school is equipped with six good upright pianos and one new Stieff Artist Grand. These are supplemented by as many as are needed from the city music store. All the pianos are placed in commodious studios and practice rooms in Kulp Hall, Science Hall and the Administration Building. Recital halls and a large concert hall are at the disposal of this department of the college.

Courses in Voice, Piano, Harmony and Public School Music will be offered during the summer.

For special information regarding the School of Music write or call on the Director, Mr. Amos S. Ebersole, Goshen College School of Music, Goshen, Indiana.

SCHOOL OF BUSINESS

JOHN E. HARTZLER, President.
JOHN E. WEAVER, Principal .....
..... Bookkeeping, Shorthand, Arithmetic
VINORA WEAVER ..... Shorthand, Typewriting
EZRA S. DETER ..... Bookkeeping
MARY HOOLEY ..... Grammar, English
WILLIAM B. WEAVER ..... Economics, Civics

The time required for the completion of a business course depends upon the ability and previous training of the student. The schedule below cannot be strictly adhered to since a high school graduate might complete the course in much less time than an eighth grade student. Credit will be given for work done in other schools after investigation of work done.

Diplomas will be granted to those who satisfactorily complete the work outlined below in the two year courses.

Those completing the one year course either in Bookkeeping, Shorthand, or a combination course, will be granted certificates for the work actually done.

DIPLOMA COURSE

FIRST YEAR.		
FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping I.....	Bookkeeping II	Bookkeeping III.....
Business English.....	Correspondence.....	Spelling .....
Economics.....	Economics	Economics.....
Com. Arithmetic	Commercial Arithmetic	Com. Geography ....
SECOND YEAR		
FIRST TERM.	SECOND TERM.	THIRD TERM.
Bookkeeping III	Bookkeeping IV.....	Bookkeeping IV-.....
Shorthand I.....	Shorthand II	Shorthand III .....
Typewriting.....	Typewriting.....	Typewriting .....
English.....	English.	English.....

CERTIFICATE COURSES

ONE YEAR BOOKKEEPING COURSE.		
FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping I	Bookkeeping II	Bookkeeping III
Typewriting	Typewriting	Typewriting
Business English	Correspondence	Spelling & Penmanship
Com. Arithmetic	Commercial Arithmetic	Com. Geography

ONE YEAR SHORTHAND COURSE.		
FIRST TERM	SECOND TERM	THIRD TERM
Shorthand I	Shorthand II	Shorthand III
Typewriting	Typewriting	Typewriting
Penmanship	Dictation I	Dictation II
Business English	Correspondence	Spelling
Com. Arithmetic	Commercial Arithmetic	Com. Geography

PROGRAM OF COURSES

Bookkeeping I. M.—F. Fall Term.

A budget is used which trains the pupil in the art of recording the simple transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The prices are simple and the calculations easy so that the pupil may become familiar with the nature and purpose of the transaction rather than the dollars and cents involved.

Bookkeeping II. M.—F. Winter Term.

The second set of Bookkeeping and Accountancy takes up a partnership wholesale business. Special rulings and columns are illustrated. The accounts and principles are very similar to those used in any wholesale grocery business. Special supplementary exercises are given throughout the course.

Those interested in Agriculture may take a set of farm bookkeeping instead of the wholesale grocery set.

Bookkeeping III. M.—F. Spring Term.

The third budget represents a commission business conducted by a corporation. Enough supplementary exercises are given to show the pupil the method of opening and closing the books of a corporation. Two of the special features of this set are: The Account Sales Register and the Cash Journal both originated by the author of the system and now extensively used in actual business.

Bookkeeping IV. M.—F. Three Terms.

While three budgets give the student a practical knowledge of the essentials involved in ordinary bookkeeping, we offer advenced work in Banking, Manufacturing, Real Estate and Agriculture.

Business Penmanship. M. W. F. Fall and Spring Term.

The Palmer System is taught which gives the student a plain, legible style well suited to business needs. (Required of all business students.)

Commercial Arithmetic. T.—F. Fall and Winter Terms.

A thorough and comprehensive knowledge of the science and application of the principles of Commercial Arithemetic are essential to rapid promotion in office work. The subject is made practical and interesting by emphasizing only those phases which the business man in any profession needs.

Commercial Law. T.—F. Spring Term.

This course gives the student sufficient knowledge of laws relating to commerce that he may conduct his own business with confidence. The work is made interesting by practical applications and supplementary assignments. Not given 1917-18.

Commercial Geography. T.—F. Spring Term.

In this course are studied the various factors that control and influence commerce. Attention is given to the mining and production of raw materials, to the process of manufacture, to the establishment of large cities and to the tracing of the main trade routes of the world.

Shorthand I. T.—F. Fall Term.

In this course the elementary and fundamental principles of the Gregg System are thoroughly mastered. The first twelve lessons of the Gregg Manual are covered. The "Gregg Writer" is used for supplementary work. Much drill and repetition are necessary to the acquisition of a shorthand vocabulary.

(Will be given each term if there is sufficient demand.)

Shorthand II. T.—F. Winter Term.

The work in the Manual is reviewed and completed during the first few weeks but the text of this term is Gregg Speed Practice, a collection of classified business letters with vocabulary. These letters are practiced over and over by the student until they can be written with accuracy and speed. Phrase writing is an important feature of this course.

Shorthand III. T.—F. Spring Term.

This course continues the work of Shorthand II. More attention will be given to speed and the technical terms used in the various professions.

Dictation I. M. W. F. Winter Term.

This course accompanies Shorthand II. The Dictation book is in the hands of the instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. The emphasis in this course is placed upon the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is a helpful feature.

Dictation II. T. Th. Spring Term.

Accompanies Shorthand III and continues the work in Dictation I. The Dictation matter is taken from such lines of work as the student prefers as railroad, insurance, civil service or court reporting.

Business English. M.—Th. Fall Term.

This is a course in practical applied English. It gives essentials that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is given exercises which require original work and prepare him for the cordespondence course which follows.

Correspondence. T. Th. Winter Term.

All business men realize the value and importance of a neatly written and well constructed letter. The ability to write such a letter is considered an important qualification of a good stenographer or bookkeeper. This course prepares students to meet the demand by giving practice in the writing of all kinds of business letters, according to the latest and best methods.

Spelling. T. Th. Fall and Spring Terms.

A man may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. This course emphasizes not only the spelling of words but their pronunciation and meaning.

TYPEWRITING.

We teach touch typewriting in a thorough systematic manner. The keyboard is first well memorized so that any key may be struck without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the 'Expert Typewriting"—the manual used throughout the course. The Underwood and L. C. Smith machines are used and fitted with shields which cover the entire keyboard and which aid the student in acquiring the touch system.

SUMMER SCHOOL

FACULTY FOR 1917

JOHN ELLSWORTH HARTZLER,
President of the College.

DANIEL S. GERIG,
Acting Dean and Professor of German.

JONATHAN MELVIN KURTZ,
Professor of Physical Sciences.

JOHN J. FISHER,
Assistant Professor of Philosophy and Education.

C. B. BLOSSER,
Professor of Botany and Agriculture.

WILLIAM B. WEAVER,
Instructor in History and Social Science.

AMOS S. EBERSOLE,
Professor of Voice and Theory.

AMANDA EBERSOLE,
Instructor in Home Economics.

NAOMI BRENNEMAN,
Instructor in English.

INA K. SLATE,
Instructor in Public School Drawing.

BERTHA MACKENZIE,
Instructor in Methods and Observation.

JOHN E. WEAVER,
Instructor in Commercial Branches.

The aim of the school is to place the equipment of the College at the service of those who cannot attend at other times and to meet the needs of the following classes: (a) College student who desires to make advanced credits; (b) Common School and High School teachers, and (c) High School students who wish to make credits during the summer months.

The courses are changed from year to year in such a way as to make the work of one summer session continuous with that of the next. This is particularly true of advanced college and normal courses. Students are advised to pursue systematic work extending over several years.

The Nineteenth annual Summer School, to be held June 11 to August 24, 1917, offers the following courses of instruction:

1. Agronomy ..... Professor Blosser
2. Vegetable Gardening ..... Professor Blosser
3. General Botany ..... Professor Blosser
4. Introduction to English Literature..Miss Brenneman
5. Nineteenth Century Literature .... Miss Brenneman
6. American Literature ..... Miss Brenneman
7. Normal Grammar ..... Professor Gerig
8. German, Beginning ..... Professor Gerig
9. German Reading Course ..... Professor Gerig
10. Normal Geogarphy ..... Professor Kurtz
11. Normal Arithmetic ..... Professor Kurtz
12. Physiology ..... Professor Kurtz
13. English History ..... Mr. Weaver
14. American History ..... Mr. Weaver
15. Modern European History ..... Mr. Weaver
16. Educational Psychology .... Asst. Professor Fisher
17. Methods of Teaching ..... Asst. Professor Fisher
18. Rural Education ..... Asst. Professor Fisher
19. Primary Methods and Model School.Miss MacKenzie
20. Sewing ..... Miss Ebersole
21. Cooking ..... Miss Ebersole

22. Household Management and Sanitation Miss Ebersole
23. Bookkeeping ..... Mr. Weaver
24. Shorthand ..... Mr. Weaver
25. Typewriting ..... Mr. Weaver
26. Penmanship ..... Mr. Weaver
27. Public School Music ..... Professor Dinkeloo
28. Eartraining and Dictation ..... Professor Ebersole
29. Harmony ..... Professor Ebersole
30. Chorus ..... Professor Ebersole
31. Private Lessons in Voice ..... Professor Ebersole
32. Private Lessons in Piano ..... Miss Bontrager
33. Public School Art ..... Mrs. Slate
34. Private Lessons in Art ..... Mrs. Slate

The next annual session of the Summer School will open June 10, 1918, and will continue twelve weeks. The above outline of courses indicates the range and nature of the work offered each summer. The growth in attendance from summer to summer insures a corresponding expansion of courses in number and variety.

Write for Special Summer School Bulletin.

GOSHEN COLLEGE, Goshen, Indiana.

CORRESPONDENCE DEPARTMENT

The satisfactory completion of the following courses will be credited in the regular departments of Goshen College. Those deprived of school privileges can find practical help by mastering these courses at home. Students can make up extra credits during vacation or when required to be out of school for some time.

I. Elementary New Testament Greek. Three Terms.
I. R. Detweiler.

This course is for beginners in N. T. Greek. It presents the essential facts and most elementary principles of the language. It contains memory work in the vocabulary and thorough drills in grammatical forms. There are easy exercises in reading and writing Greek. The student will read John's first epistle and four chapters of his Gospel, with other selections, and receive some practical experience in the use of Greek lexicon. The tuition is $7.50 per term. The main text book is Huddelston's Essentials of New Testament Greek, 75 cents, postpaid. For the third term the following are also needed: Westcott and Hort's New Testament in Greek, $1.00; and Thayer's Greek-English Lexicon of the New Testament, $5.00 postpaid.

Latin I. Ephriam Zook.

I. First year Latin (three terms).—This course offers the full equivalent to the first year's work in Latin as outlined in the resident Academy course. The work of each unit corresponds to the work of one term. The tuition is $7.50 per term, and the text book for two terms is $1.00 postpaid.

First Term. Collar and Daniell's First Year Latin to page 91.

Second Term: The same text, pages 92 to 170.

Third Term: Easy Latin Reading with review of forms and syntax.

German II. Three Terms. Daniel S. Gerig.

This course is outlined to cover fully the amount of work usually done in the second year of resident work. Each term's work may be taken independently of the others. This arrangement will enable students who are in any way deficient in the first two units of modern language to make up the deficiency through correspondence. The tuition is $7.50 per term and the text-book for the first term is 70 cents postpaid.

III. German. Three Terms. Daniel S. Gerig.

This is primarily a reading course corresponding to course III in residence. It aims at the acquisition of the foundation of idiomatic German on the basis of the language of the works studied. Special attention is given to the literary side of the work as well as to the individual merit of the author. Works from Goethe, Schiller, Heyse and Storm form the basis. Each term can be taken independently of the other. Tuition per term, $7.50. Credit per term, three hours.

IV. German. Prose Composition. Two Terms. Daniel S. Gerig.

Through the reproduction of ordinary narrative English into German and by means of original composition, the student is led to appreciate the difference between the idioms of the two languages. The course provides a comprehensive review of grammar and syntax of the language. Tuition per term $7.50. Credit per term, three hours.

New Testament. One Term. I. R. Detweiler.

A Study of the Gospel of John.

This is a thorough inductive study of the fourth Gospel. The Gospel is carefully outlined after each division is studied in relation to the Gospel as a whole. The work done in this course is equivalent to a three hour course. It is presented in thirty seven lessons. The tuition is $7.50. There is no additional expense aside from postage.

GENERAL INFORMATION.

The payment of tuition and text books is required with order. All remittances should be made by bank draft or money order, made payable to the instructor offering the course. The student pays the postage both ways in recitation papers.

Full directions are given with the lessons so that the student need not be in doubt as to what is expected of him or as to how he is to proceed with his work. He can begin at any time and work as fast or slow as his time or ability will permit for a thorough mastery of the lessons. The time limit for the completion of any one of these courses is one year, after which the student forfeits his right to further correspondence. Further information can be had by writing to the instructors offering the courses.

GENERAL INFORMATION

HISTORY AND ADMINISTRATION

Goshen College had its beginning in the Elkhart Institute, Elkhart, Indiana, in 1895. In 1896 its own building was erected and dedicated. In 1898 the institution was incorporated under the laws of Indiana. In 1901 the Constitution of the Association was amended so as to allow a board of twenty-five instead of nine members. These were distributed throughout the church. In 1901 a committee appointed by this board to secure a more favorable location and a larger campus, selected the present site in the southern part of the city of Goshen, Indiana. Here the school was opened in the rooms of East Hall, September 29, 1903. The Administration Building was dedicated January 8, 1904.

To make the school a church institution the private stockholders donated their shares to a Board of Trustees now known as the Mennonite Board of Education. This Board was organized November 16, 1905. The property was transferred to it in February, 1906. Goshen College is controlled by the Mennonite Board of Education. The business and prudential affairs of Goshen College are managed by an Executive Committee consisting of the President, Dean and five other members appointed annually by the Mennonite Board of Education.

LOCATION

Goshen is a residential city of ten thousand people located on the main line of the New York Central Railroad, one hundred and ten miles east of Chicago, and the Louisville and Benton Harbor branch of the Big Four. The Northern Indiana and Winona Interurban railways maintain an hourly service through Goshen to the north, south and west. The Elkhart River, which is noted for

its beauty flows through the city and in its valley lies one of the richest farming communities in Northern Indiana. The college campus consists of ten acres of ground located in Parkside, a beautiful suburb of the city. There are no saloons in the city.

AIM

The aim of Goshen College is expressed in its motto, "Culture for Service". Through culture the student shall develop his life physicially, intellectually, socially, morally and spiritually. Due attention is given to each as it is of importance in the life of the true man and woman. Religion is not made incidental in the institution, but is to prevade in its life and spirit. The end and aim of culture is to do, and not simply to be or know.

CAMPUS AND BUILDINGS

The campus of Goshen College consists of ten acres beautifully located in Goshen College addition to the City of Goshen.

The Administration building is a commodious four story, stone and brick structure. It contains modern well lighted recitation rooms, offices, library, reading rooms, assembly hall, commercial rooms, gymnasium and cloak rooms.

The new Science Hall is a large four story brick structure built on the most approved lines for the work in general science, agriculture and home economics. The entire building is well lighted and the laboratories are commodious and completely equipped with apparatus for the various lines of work. Aside from laboratories it also contains one lecture room, a number of classrooms, offices, a green house and museum.

Kulp Hall is a stone and brick building three stories above basement. It contains a students' dining hall, reception room, Matron's rooms and music studio together with practice rooms. The second and third floors contain rooms for young women. The building is well furnished.

East Hall is a two story frame building located just north of the college campus. It is divided into three separate apartments and has furnished rooms for young men. The care of the rooms is in charge of a competent matron and each apartment has its own master.

These buildings are heated from a central plant. All are supplied with hot and cold water. Gas and electricity are supplied in all the rooms.

LIBRARY

The College Library consists of over five thousand carefully selected volumes distributed in subject matter among the different departments of instruction and books of general cultural interest. New books are constantly added through a special library fund and also by the Students' Library Association. These agencies have added more than 300 volumes during the year. The library is classified and catalogued according to the Dewey system and has every aid to make it of practical value to the student. The reading room is supplied with daily and weekly periodicals and the most important magazines. During the day the students have free access to the stack room and reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature. It has been donated to the college by the Alumni Association and private individuals.

The city of Goshen has a large and well equipped Carnegie Library of 15,000 volumes to which the students have free access.

THE LABORATORIES

The new Science Hall contains a large number of laboratories with modern equipment for both general and special scientific work.

Chemistry.—The three chemical laboratories located on the third floor are provided with forty individual students' desks for experimental work in general Chemistry, twenty-four in Qualitative Analysis and Organic Chemistry and sixteen in Quantitative Analysis. The desks are fully equipped with gas, water and re-agent bottles. Each laboratory has a number of evaporating hoods. A large supply room adjoining the general laboratory contains the necessary chemical and apparatus supplies.

Physical.—The Vesperian Laboratory for Physics and Astronomy also on the third floor is provided with the necessary physicial apparatus for both Academy and College work in mechanics, heat, light, sound, electricity and magnetism. It is well supplied with water, gas and electricity. A dark room is equipped for photometry and other experiments in light. A three and one-half inch telescope equatorially mounted and controlled by a modern Gaertner driving clock is used in astronomical work.

Biological.—The Biological Laboratory in addition to the usual furnishings is equipped with demonstration cases, a rack for insect cases, a large collection of mounted insects, bird skins, vertebrate skeletons, dissections in alcohol, life histories in alcohol, compound microscopes, microscopic slides, charts, models and a human skeleton. There are also a number of books for reference.

Agricultural.—The Agricultural Laboratories are furnished with desks, tables, hoods and other equipment sufficent to accommodate at least fifty persons at one time. Every convenience will be provided for both practical and experimental work. A large green-house adjoins the laboratory to the south which will afford apportunity for experimental work for both summer and winter.

Dairy Laboratory.—The Dairy Laboratory is fully equipped for practical and experimental work in milk testing, separating and butter making. The leading modern dairy machinery will be placed on the floor by different companies for trial and inspection by the students. A large store room with refrigerator is provided.

Domestic Science.—This laboratory is equipped with the best and most efficient furniture, electric equipment, gas range and plates, cabinets and refrigerator will be installed. A convenient dining room is provided on the same floor where practical experience will be gained.

MUSEUM

In the Museum which is on the second floor of the Science Hall, there are exhibited various things of interest such as fossil remains of animals, minerals, oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces of India. Gifts to the Museum are always appreciated, and plans are being made to protect with suitable cases all new material.

GYMNASIUM.

A large room with high ceiling in the basement of the main building is devoted to physical exercise. It is equipped with ladder, spring board, suspended rings, Indian clubs, Dumb-bells and other equipment. A bath room with shower baths and dressing rooms adjoins the gymnasium.

ATHLETIC FIELD

The athletic field contains a sixth-mile track, baseball diamond and tennis courts. The Elkhart river runs near the college and affords opportunity for skating, rowing and swimming.

COLLEGE FARM

The college owns a sixty-acre farm in the vicinity. Some students may find employment on it to aid in defraying expenses at school and some of the farm products are used in the college dining hall.

ARRIVAL OF STUDENTS

Due notice should be given of the time and train on which students arrive, so that they may be met at the depot.

Students should leave their baggage at the depot, take the street car, going west from the depot and ask for a transfer to Goshen College, where arrangements can be made for room and board.

REGISTRATION

1. On registration day at the beginning of each term every student (both old and new) must obtain in person at the Registrar's office, a registration card.

2. This card the student presents to the Head of the Department in which he desires to enroll.

3. The Head of the Department enters upon this card the subjects desired by the student, except for college Juniors and Seniors, who register with their major professor.

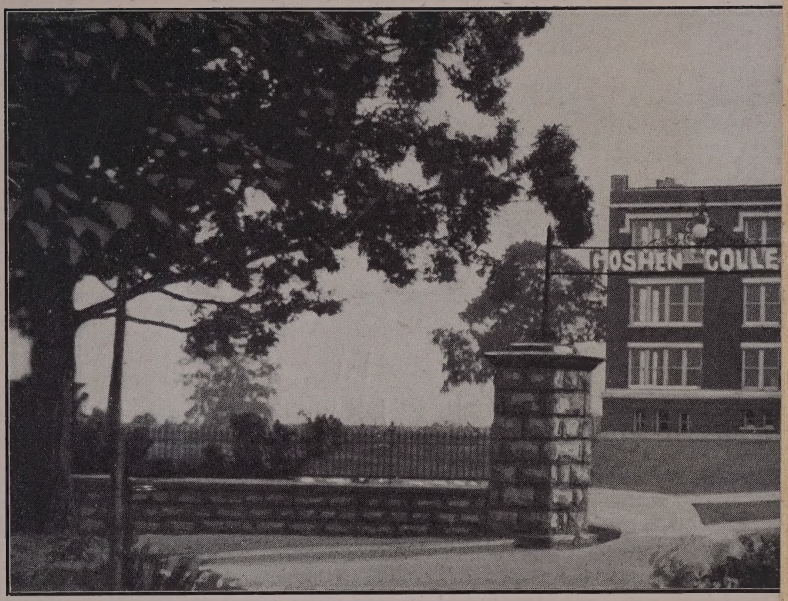
4. The student next presents this card to the several instructors whose courses he wishes to enter and the instructor affixes his signature opposite his course.

5. When each instructor's signature has been obtained, the student presents the duly signed card at the Business office and settles for tuition and other fees.

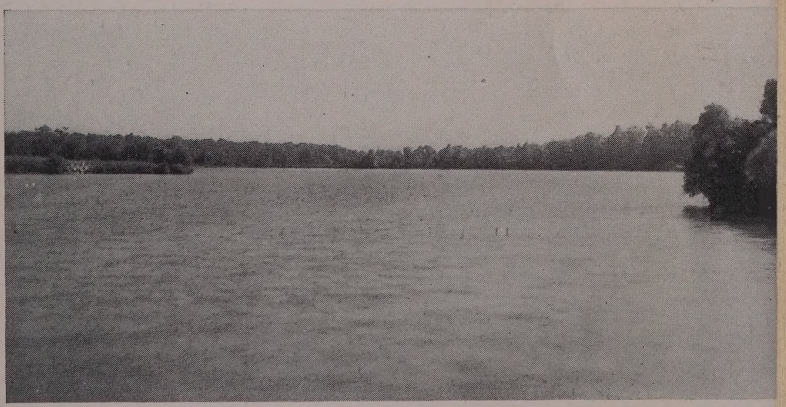
6. When a student fails to file his card at the Business office before the close of the opening week of school a fee of fifty cents will be added to the tuition.

7. All accounts are due in advance.

8. All matriculated students who register later than the second day of each term will be charged a fee of one dollar (payable to Registrar on issuing of card) for registration.



SCIENCE HAL



SCENE ALONG ELKHART RIVER

9. New students after obtaining a registration card at the office of Registrar, must present themselves at the President's office for matriculation.

10. All students entering the institution for the first time are charged a matriculation fee of one dollar.

COURSES OF STUDIES

This catalogue gives a complete outline of the courses of studies offered by Goshen College. Any one desiring to begin a particular branch of study should note carefully the catalog the date on which such branch begins in the regular course. Extra classes may be formed when six or more students desire to take the same study at the same time. Correspondence is invited when any special study is desired.

CHANGE OF STUDIES

Changes of studies must be authorized by the Head of the Department in which the student is enrolled. Any subject once taken up cannot be dropped without the consent of the Head of the Department in which the student is enrolled.

EXTRA WORK

Students are not allowed to register for more than the regular number of hours constituting the work of any department without the permission of the Committee on Extra Work.

Application for extra hours must be made on special blanks obtained at the Registrar's office and applications must be handed to the Chairman of the Committee on Extra Work during Registration Days.

When more than one additional hour is taken, additional tuition is charged at the rate of one dollar and twenty-five cents per term hour in the Academy and one dollar and seventy-five cents in the College except in case where extra tuition is already due for the course taken.

EXAMINATION AND GRADES

Written examinations are given at the end of each term and during the term at the discretion of the instructor. The student's work for the term includes recitation, written work and examinations and is graded as follows: A, B, C, D. E, are passing grades; F, may be passed upon another examination; G, Failed.

REPORTS

A report of each student's work will be sent at the end of each term to the parent or guardian of the student, upon request to the Registrar.

DIPLOMAS

Diplomas will be given to all students who finish the work outlined in the College, Normal, Academy, Regular Bible, Business, Regular Music, Agriculture courses, on condition that they have been students of the college at least one year.

CERTIFICATES

Those who have completed the English Bible, Chorister's Course, Reed Organ, Domestic Science, Business, Public School Music courses and "A" and "B" Class Normal courses will be given certificates showing the work actually done.

DISCIPLINE

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The Dean and Dean of Women enforce the regulations as outlined by the Committee on Rules and Discipline and try to aid each individual student, by advice and criticism, to cultivate that spirit which seeks not only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.

ROOMS

The young women are required to room at Kulp Hall except when excused by the Dean of Women. Modern conveniences and homelike surroundings are features that make it a very desirable home for young women.

The young men may find rooms in East Hall or in approved private homes near the college.

Groups of young men are not permitted to take rooms except in houses in charge of approved matrons.

RULES

I. All students are required:

1. To attend chapel every day.

2. To abstain from the use of tobacco, card playing and profane language in the vicinity of the College.

II. Non-resident students are required:

1. To attend Sunday school and one church service each Lord's day at their regular place of worship.

2. To be in their rooms at 8 p. m. except, (a) on Saturdays, when the time is extended to 10 p. m. (b) when attending church services; (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.

3. Lady students shall not receive gentlemen callers at their rooms.

4. Students shall select rooms from among those approved by the Faculty.

5. Lady and gentleman students shall not take rooms in the same home.

STUDENT ORGANIZATIONS

THE STUDENTS' COUNCIL

In order to faciliate the most helpful relations between the Faculty and student body a Students' Council composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic cooperation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the means of securing the feeling of good-will so evident between Faculty and the students.

RELIGIOUS

The Young People's Christian Association, a religious organization of students, doing aggressive Christian work, has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings which are a source of inspiration and general help to all students, are held every Thursday evening. Frequent Missionary topics are discussed at these meetings and problems of personal religion are often considered. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy and College work and cover much of the Old and New Testament. There are also several classes for the study of home and foreign missions. These meet every Tuesday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission field.

Two mission bands (home and foreign) meet regularly on alternating Sunday mornings of the school year to study systematically the various subjects necessary for

a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these bands a source of great help.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

LITERARY

Four College and two Academy Literary Societies conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

College.—The Adelphian and Aurora Societies are for the men and Vesperian and Avon Societies for the women of the College Department. They have separate meetings every Monday evening and on Friday evenings they unite their efforts in presenting four public programs each term. These societies are maintaining high standards in their work.

Academy.—The Ciceronian Society is for the young men of the Academy. It affords good training in logical debate and parliamentary law.

The Philomathian Society is open to all young women of the Academy. It affords opportunities for practice of music, reading and original composition.

Joint meetings, open to the public, are held by the Academy Societies on Friday evenings twice a term. Separate meetings are held by each society every Monday.

STUDENTS' LIBRARY ASSOCIATION

The Students' Library Association is organized for the purpose of adding books to the library established by the Association. The Association draws on the funds of the

literary societies for its support, and only members of the literary society are members of the Students' Library Association.

STUDENTS' LECTURE ASSOCIATION

The Students' Lecture Association is organized for the purpose of conducting a course of lectures for the benefiet of the students. The literary societies furnish the necessary funds for the course.

ORATORICAL ASSOCIATION

The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debating teams and orators in the intercollegiate Peace Oratorical Contest.

CHEMICAL SOCIETY

The Chemical Society meets once each school month to discuss scientific subjects related to chemistry. Membership is limited to students, professors, and alumni of Goshen College who have done or are pursuing work in Chemistry beyond the first year.

ALUMNI ASSOCIATION

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education." The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the college. The collection is one of the most valuable of its kind in America.

GOSHEN COLLEGE RECORD

The Goshen College Record is published monthly by a staff selected from the student body. Appointments are made each year by the Committee on Publications.

It is the aim of the paper to serve as a medium for literary work, to record the more important happenings of the college year and to afford a means of communication between the institution and the former students as well as the outside world.

The material for its columns is diversified enough in its selection to make it serve as an exponent of the different activities and interests of school life.

TEXT BOOKS

Text books are for sale at the College Book Exchange. A limited number of books that will be used the following year will be bought from students by the Exchange.

PHYSICAL CULTURE

Provisions are made for the proper forms of Physical Culture of the student. During the Fall and Spring terms outside sports and games are encouraged.

COLLEGE DINING HALL

It is the purpose of the managers of the College Dining Hall to furnish a plentiful supply of wholesome food at the lowest possible rates. Board in private families can be secured near the College by those who desire such accommodations.

STUDENTS' SELF HELP

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending college. The College gives employment to a member who are doing tutoring, library, janitor or dining room work. All young women desiring to earn money have been able to get work to pay room and board. Young men find places in private homes to earn room and board or get work on Saturdays as clerks. The College can do very little in securing promises of work before the person arrives. Employers wish to see the applicant before making promises.

SCHOLARSHIPS

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. During the past year twenty students have received all or a part of their tuition from these funds. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Faculty.

The firm, Lewis & Jacobs, of Goshen, offers $50.00 annually as scholarships to be granted by the College to qualified students entering the School of Agriculture.

PRIZES

Hon. B. F. Deahl, of Goshen, annually offers two prizes of fifteen and ten dollars each to the winner of the local Peace Oratorical Contest.

ENDOWMENT FUND AND BENEFITS

The Endowment Fund of Goshen College has become an important factor in meeting the expenses of the school and consists of the obligations of responsible individuals, paying an annual income. Some of these obligations have been paid in full and the money invested. Miscellaneous donations are applied as specified, and at the descretion of the officers of the Faculty and Executive Board.

Several wills have been made recently in favor of Goshen College. In such donations the following form should be used. "I hereby give, devise and bequeath to the Mennonite Board of Education, the sum of .... Dollars to be used to maintain the ..... Fund of Goshen College, Goshen, Indiana.

CALENDAR OF PUBLIC EVENTS

Nov. 3—William A. Colledge, lecture, "The Fortune Hunter".

Nov. 17—The Chicago Ensemble Trio, Lacy Coe, violinist; Mabel Corlew-Smidt, soprano; Guy Webster, pianist.

Nov. 24—Miss Beryl Buckley, interpretative reading, "The Shepherd of the Hills".

Dec. 15—Clarence L. Miller, lecturer, "The Democracy of Achievement".

Dec. 20—The Ramblers, concert.

Jan. 12—Philharmonic Concert, Part-songs.

Jan. 18—C. D. Timmins, lecture, "Liquid Air".

Jan. 22—George H. Bradford, lecture, "Suncrowned Manhood".

Jan. 24—Supt. Wilkinson, address, "What Should an Education Mean".

Jan. 26—The Orpheus Quartet of Chicago.

Mar. 2—Local Peace Oratorical Contest.

Mar 16—Alton Packard, cartoonist, "Vanity Fair".

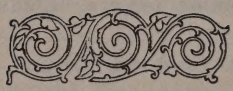
Mar. 30—Intercollegiate Debate, Goshen College vs. Mt. Morris College.

April 3—Edward Baxter Perry, concert pianist and lecturer.

April 6—Frederick E. Hopkins, lecture, "The Golden Fleece".

June 5—Philharmonic Concert, "The Creation" (Haydn). soloists, Ruth Lowenberg, soprano; Grant Kimball, tenor; Frank M. Dunford, basso.

June 8—Pres. Robert Lincoln Kelly, Commencement Address.



EXPENSES

TUITION

Tuition charges for each term of the year are uniform.

College, Normal and Business

Per week, in advance	$ 1.75
Per term, in advance	18.00
Per year, in advance	50.00

Academy

Per week, in advance	$ 1.50
Per term, in advance	15.00
Per year, in advance	42.00

Students taking more than 16 hours (recitations) work in College or 17 in Academy will be charged the following rates:

College, per hour	$ 1.75
Academy, per hour	1.25

No tuition, either class or private, will be refunded except in cases of protracted sickness or by order of the Faculty.

Special Courses

Special Bible, Term, six weeks	$ 7.00
Four hours in Academy, per term	7.00
Eight hours in Academy, per term	11.00
Five hours in College, per term	9.00
Ten hours in College, per term	15.00

Special Fees

Laboratory fee, College, per term credit	$ .75
Laboratory fee, Agriculture, per term credit	.50
Matriculation fee	1.00

(Paid only on first registration).

BIBLE

Free tuition for those who take the regular Bible courses as outlined in Catalog.

MUSIC

Private lessons in voice or piano per term, twice a week, 50-min., $28.00; 25-min. $15.00. See page .... for special tuition.

Children under twelve years of age, piano, twenty-minute lessons, twice a week, $10.00, once a week, $6.00 Eartraining and Dictation, History of Music, or Selfeggio, class of four or more $5.50; Public School Music Methods, and Art, class of six or more, respectively, $4.50 and $7.00. Piano Rent, per term—

One interval, each day	$2.00
Two intervals, each day	4.00
Three intervals, each day	5.50
Four intervals, each day	6.50
Grand Piano, extra per term for each interval	.60

Students who register in the Music Department may have Academy tuition at $1.25 per hour and College at $1.75.

Diplomas

Diploma fee, degree	$5.00
Diploma fee	3.00
Certificate fee	1.00

Board

Per meal, in advance	$ .20
Per week, in advance	3.00
Per term, in advance	31.00
Christmas vacation, additional	5.00

Owing to the uncertainty of prices on food stuffs the above prices are made for the Fall term. It is the inten-

tion of the institution not to increase them during the year but it at the same time reserves the right to do so in case advances in provisions make it necessary.

Rooms

Per week, East Hall, in advance	$ 1.10
Per term, in advance	13.00
Per week, Kulp Hall, in advance	1.00
Per term, in advance	12.00

These prices are for furnished rooms, two in a room, including heat, light, washing and ironing. Those who wish to take rooms alone must add $2.00 for Fall and Spring terms and $4.00 for Winter term to above prices.

Each student should bring one comforter, towels and bed linen.

Rooms will be reserved at the dormitories for regular students on receipt of a deposit of $2.00 to be applied on room rent. On receipt of such deposit rooms will be held one week at the beginning of the term. These deposits will not be refunded and are not transferable.

SCHEDULE OF LECTURES AND RECITATIONS FOR THE FALL TERM, 1917.

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50		12:45	1:40	2:35	3:30
GERIG	A 10		German II		German I	German III and IV			German X	German V	
ZOOK	A 23		Latin II		French I	Latin V		French II		Latin I	Latin IV
KURTZ	S 41	Physics Lab.	Physics VI & VII					Chem. Lab.	Chemistry III	Chemistry II	Chemistry Lab.
LEHMAN	S 20	Plane Geometry	Algebra IV		Ad. Anal.	Solid Geom.				Astronomy	Calculus
FISHER	A 23	Psychology			History of Education					History of Phil.	
WEAVER, W.	A 32					Sociology Economics			Med. History		American History
WITMER	S 21	Zoology II	Zoology II Laboratory					Col. Botany	Col. Bot. Lab.	An. Ecol.	An. Ecol. Lab.
MISS ZOOK	S 30	Food Chemistry	Food Chem.		C. Sewing Ac. Sewing	C. Sewing Ac. Sewing		Cookery Laundry	Cookery Laundry[1]		
DETWEILER	S 20		Bible Theol. I		Bib. Intro. N. T.	N. Test. I			N. T. Gr. II N. T. G. III		
KREIDER	A 20	N. Test. Greek I				O. Test. I				O. T. Intro.	Religious Education
BLOSSER	S 21	Acad. Agron.	Acad. Agron.		Farm Crops	Farm Crops		Weeds	Weeds	Small Fruits	
	S 21	Soils	Soils		Acad. Soils	Acad. Soils		Dairy Husb.	Dairy Husb.	An. Husb. Poul. Husb.	An. Husb. Poul. Husb.
KELLER	A 33	English VI and IX			English XIV & XV				English X & XI		English VIII
HOOLEY	A 14		Academy German II			English II			English I	English IV	
MARTIN	A 23		Elem. Psych.		Observation Teaching					Normal Grammar	
WEAVER, J.	A 30		Bookkeeping		Penmanship Spelling	Bookkeeping		Com. Arithmetic	Shorthand II	Bus. Eng.	
*EBERSOLE	A 22								Sol. I Sol.& Dic II		Dictation I
*BONTRAGER	A 22										
MCCOY	A 22		Harmony II		Harmony I	Harmony III, IV & V			History of Music		
ASSISTANTS		Shorthand I			Acad. German I	Latin III		Algebra I	Typewrit'g	Book-keeping	Ancient History
ASSISTANTS					Botany I	Botany I Lab.					

CHAPEL

NOON

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50		12:45	1:40	2:35	3:30
GERIG	A 10		German II	CHAPEL	German I	German III and IV	NOON		German X	German V	
ZOOK	A 21		Latin II		French I	Latin V		French II		Latin I	Latin IV
KURTZ	A 41	Physics Laboratory	Physics VI & VII					Chem. Lab.	Chemistry III	Chemistry II	Chemistry Laboratory
LEHMAN	S 20	Plane Geometry	Trigono-metry		Ad. Anal.	Solid Geom.			Normal Arithmetic	Astron.	Calculus
FISHER	A 23	Psychology			Principles of Education					History of Phil.	
WEAVER W	A 32					Sociology Economics			Med. History		Am. History
WITMER	S 21	Zoology II	Zoology II Laboratory					Col. Botany	Bot. Lab.		Physiology
MISS ZOOK	S 30	Food Chem.	Food Chem. Lab.		Col. Sewing Acad. Sew.	Col. Sew. Ac. Sew.		Cookery	Cookery		
DETWILER	A 20		Bible Theol. II		Bib. Intro. New Test.	N. Test. II			N. T. Gr. II N. T. G. III		
KREIDER	A 20	N. Test. Greek I				O.Test. II				O. T. I.	Religious Education
BLOSSER	S 21	Acad. Hort.	Acad. Hort.		Farm Crops	Farm Crops		Pomology	Pomology	Fruits	
*	S 21	Soils	Soils		Feeds and Feeding	Soil Man.		Animal Breeding	Animal Breeding	An. Husb. Pou. Hus.	An. Husb. Poul. Husb.
KELLER	A 33	English VI and IX			English XIV and XV				English X and XI		English VIII
HOOLEY	A 14		Acad. Ger. II			English II			English I	English IV	
MARTIN	A 23		Child Psych.		Observ. Teach.					Normal Geog.	
WEAVER, J.	A 30		Bookkeeping			Bookkeeping		Com. Arith.	Shorthand III	Corres-pondence	
*EBERSOLE	A 22								Solf. I Sol & Dic.II		Dictation I
*BONTRAGER	A 22										
MCCOY	A 22		Harmony II		Harmony I	Harmony III, IV, V			History of Music		
ASSISTANTS		Shorthand I	Typewriting		Ac. Germ. I Shorthand II	Latin III		Algebra I	Typewrit'g	Book-keeping	Ancient History
ASSISTANTS					Botany I	Botany I Lab.					

*Hours to be arranged. A Adminstration Building. S Science Hall.

SCHEDULE OF LECTURERS AND RECITATIONS FOR THE SPRING TERM, 1918

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50		12:45	1:40	2:35	3:30
GERIG	A 10		German II		German I	German III and IV			German X	German V	
ZOOK	A 21		Latin II		French I	Latin V		French II		Latin I	Latin IV
KURTZ	S 41	Physics Laboratory	Physics VI & VII		Geography			Chem. Lab.	Chemistry III	Chemistry II	Chemistry Lab.
LEHMAN	S 20	Plane Geometry	Analytics		Ad. Anal.	Solid Geom.				Astronomy	Calculus
FISHER	A 23	Psychology			Sec. Ed. Sch. Ad.					Classics in Phil.	
WEAVER W	A 32					Sociology Economics			9th Cen. History		Amer. History
WITMER	S 21	Zoology II	Zoology II Laboratory					Col. Botany	Col. Botany	Cytology	Cytol Lab.
MISS ZOOK	S 30	Nutrition	Nutrition		C. Sewing Ac. Sewing	C. Sewing Ac. Sewing		Cookery Ev. of Home	Cookery		
DETWILER	A 20		Bible Theol. III		Bible Intro. N. T.	N. Test III			N. T. Gr. II N. T. G. III		
KREIDER	A 20	N. Test. Greek I				O. Test III				O. T. Intro.	Rel. Ed.
BLOSSER	S 21	Veg. Gard.	Veg. Gard.		Forage Crops	Forage Crops		Horticulture	Horticulture	Or. Fruits	
	S 21	Ac. Poultry Husb.	Ac. Poul. Husb.					Ac. Veg. Gard.	Ac. Veg. Gard.	An. Husb. Poul. Husb.	Poul. Husb. An. Husb.
KELLER	A 33	English VI and IX	English XV		English XIV and V				English X & XI		English VIII
HOOLEY	A 14		Ac. Germ. II			English II			English I	English IV	
MARTIN	A 23		Methods		Teaching Observation					Methods in Read.	
WEAVER, J.	A 30		Bookkeeping			Bookkeeping		Common Geog.	Dictation II	Shorthand III	Dictation I
*EBERSOLE	A 22								Sol. I Sol. & Dic. II		
*BONTRAGER	A 22										
MCCOY	A 22		Harmony II		Harmony I	Harmony III, IV & V			History of Music		
ASSISTANTS		Shorthand I	Typewriting		Ac. Ger. I Shorth'd II	Latin III		Algebra I	Typewrit'g	Book-keeping	Ancient History
ASSISTANTS					Botany I	Botany Lab.					

CHAPEL — NOON

INTERCOLLEGIATE DEBATERS AND ORATORS 1916-1917

Goshen vs. Mount Morris:

Orie B. Gerig, Captain.
Ernest E. Miller.
Payson Miller.
Ray R. Rychener, Alternate.

Goshen vs. North Manchester:

Walter E. Oswald, Captain.
Raymond Hartzler.
Archie D. Hartzler.
Arthur W. Slagel, Alternate.

PEACE ORATORICAL CONTEST

Indiana State Contest:

Jesse N. Smucker.

GRADUATES OF 1916

DEGREES CONFERRED

Bachelor of Arts

Blauch, Lloyd E. ..... Aurora, Ohio
History and Social Sciences

Burkhard, Henry ..... Roseland, Nebr.
Physical Sciences

Eby, Ida L. ..... Columbus Grove, Ohio
Physical Sciences

Hertzler, Asa ..... Denbigh, Va.
Biological Sciences

Holdeman, Albert Franklin ..... Goshen, Ind.
Physical Sciences

Hooley, Mary ..... Cable, Ohio
German

Lehman, Elmer E. ..... Wakarusa, Ind.
Science

Meyers, Jacob C. ..... Sterling, Ohio
Philosophy and Education

Miller, Louis L. ..... Wellman, Iowa
Philosophy and Education

Russell, Elcy May ..... Oblong, Ill.
Science

Shank, Fanny Priscilla ..... Ronks, Pa.
English

Steiner, Charity Evangeline ..... Columbus Grove, Ohio
Education

Suntheimer, Charles Edward ..... Goshen, Ind.
Biological Sciences

Treuschel, Alice Gertrude ..... Elkhart, Ind.
German

Wenger, Florence LeVera ..... Wakarusa, Ind.
German

Yoder, Nellie Amanda ..... Bellefontaine, Ohio
Education

Yoder, Solomon E. ..... Belleville, Pa.
Biological Sciences

Graduates from Academy

Bauman, Norman ..... Floradale, Ont.
Deter, Ezra ..... Morrison, Ill.
Eschliman, Ray ..... Dalton, Ohio
Friesner, Cleone ..... Goshen, Ind.
Grabill, Cordelia ..... Goshen, Ind.
Good, Mary ..... Elida, Ohio
Hostetler, Grace ..... Elkhart, Ind.
Hostetler, Daniel ..... Baltic, Ohio
Hoover, Lewis ..... Goshen, Ind.
Kaser, Carl ..... Goshen, Ind.
Miller, Vesta ..... Shanesville, Ohio
Nunemaker, Harvey ..... Sterling, Ill.
Ramseyer, Nancy ..... New Hamburg, Ont.
Reed, Esther ..... Goshen, Ind.
Russell, Rosa ..... Oblong, Ill.
Shoemaker, Stella ..... Freeport, Ill.
Spiegle, Kathryn ..... Boswell, Pa.
Shoup, Ella ..... Columbiana, Ohio
Wengerd, Amelia ..... Millersburg, Ind.

Graduates in Music

Thornton, Mary ..... Elkhart, Ind.

STUDENT ENROLLMENT 1916-17

COLLEGE

Seniors

Blosser, Ruth ..... Rawson, Ohio
Butler, Frank ..... London, England
Gerber, Christopher ..... Chester, Mont.
Gerig, Orie B. ..... Smithville, Ohio
Hartzler, Archie ..... Belleville, Pa.
Kaufman, James Norman ..... Dhamtari, India
Lefever, Lydia ..... Ronks, Pa.
Lehman, Howard ..... North Lima, Ohio
Miller, Ernest ..... Middelbury, Ind.
Miller, Jacob ..... Kalona, Iowa
Murphy, Ada ..... Elkhart, Ind.
Senger, Rudy ..... Goshen, Ind.
Slabaugh, John ..... Goshen, Ind.
Stoltzfus, Frank ..... West Liberty, Ohio
Stoltzfus, William ..... West Liberty, Ohio
Wallgren, Douglas ..... Goshen, Ind.
Warye, John ..... Urbana, Ohio
Yoder, Owen ..... Shipshewana, Ind.

Juniors

Byler, Sadie ..... Belleville, Pa.
Byler, Maude ..... Cable, Ohio
Haney, Charles Lloyd ..... Goshen, Ind.
Hartzler, Raymond ..... Topeka, Ind.
Hesh, Elma ..... Wakarusa, Ind.
Lehman, Bernice ..... Nappanee, Ind.
Leichty, Ora ..... Sterling, Ohio
Lounsberry, Bernice ..... Elkhart, Ind.
McCarty, Agnes ..... Brimfield, Ind.
Miller, Payson ..... Shipshewana, Ind.
Slabaugh, Jancy ..... Goshen, Ind.
Smucker, Jesse ..... Smithville, Ohio
Weaver, Vinora ..... Middlebury, Ind.

Sophomores

Beery, Lola ..... Columbus Grove, Ohio
Brunk, Walter ..... Elida, Ohio
Baer, Martin ..... Shipshewana, Ind.
Cressman, Joseph ..... Kitchener, Ont.
Detweiler, Laura ..... Seville, Ohio
Eigsti, Alma ..... Manson, Iowa
Hershey. Charles ..... La Junta, Colo.
Lantz, Lela ..... Topeka, Ind.
Lehman, Clayton ..... Columbiana, Ohio
Liechty, Elizabeth ..... Sterling, Ohio
Metzler, Mabel ..... North Lima, Ohio
Miller, Truman ..... Middlebury, Ind.
Oswald, Walter ..... Charm, Ohio
Plank, Melvin ..... Topeka, Ind.
Schott, Esther ..... Blue Island, Ill.
Showalter, Amos ..... Conway, Kans.
Showalter John ..... Harrisonburg, Va.
Slagel, Arthur ..... Flaganan, Ill.
Steiner, Esther ..... Columbus Grove, Ohio
Stiver, Alvin ..... Millersburg, Ind.
Stuckman, Edgar ..... New Paris, Ind.
Snyder, Abel ..... Hespeler, Ont.
Speigel, Kathryn ..... Boswell, Pa.
Wenger, Clyde ..... Wakarusa, Ind.
Woodworth, Lynn ..... Elkhart, Ind.
Wysong, Gerald ..... Goshen, Ind.
Weddel, Georgiana ..... Goshen, Ind.
Yoder, Elsie ..... Belleville, Pa.
Yoder, Joe Herman ..... Bellefontaine, Ohio
Yoder, Ruth ..... Bellefontaine, Ohio
Yoder, Iva ..... Shipshewana, Ind.

Freshmen

Allgyer, Anna ..... West Liberty, Ohio
Bauman, Norman ..... Elmira, Ont.
Brunk, Joseph ..... Denbigh, Va.
Cline, Gladys ..... Goshen, Ind.
Cline, Esther ..... Goshen, Ind.
Dovel, Harold ..... Millersburg, Ind.
Ehret, Faye ..... Wakarusa, Ind.
Eash, Charles ..... Shipshewana, Ind.
Finkenbiner, Ava ..... Goshen, Ind.
Good, Mary ..... Elida, Ohio
Geyer, Ethel ..... Lake City, Mich.
Hartzler, Lillian ..... Topeka, Ind.

Hartzler, Ralph ..... West Liberty, Ohio
Harper, William ..... Millersburg, Ind.
Hertzler, Melvin ..... Concord, Tenn.
Keim, Gertrude ..... Millersburg, Ind.
King, Allen ..... Hudson, Ohio
Lantz, Fern ..... Topeka, Ind.
Lehman, Mabel ..... Goshen, Ind.
Lehman, Marie ..... Goshen, Ind.
Miller, Clara ..... Middlebury, Ind.
Miller, Clay ..... Shanesville, Ohio
Miller, Vesta ..... Shanesville, Ohio
Miller, Wilbur ..... Middlebury, Ind.
Meyer, Emanuel ..... Sterling, Ohio
Pine, Helen ..... Redlands, Calif.
Payne, Howard ..... Goshen, Ind.
Reed, Esther ..... Goshen, Ind.
Russell, Rosa ..... Oblong, Ill.
Rychener, Raymond ..... Pettisville, Ohio
Schrock, Elva ..... Nappanee, Ind.
Scott, Cleon ..... Milford, Ind.
Shoup, Vernon ..... Middlebury, Ind.
Shoemaker, Stella ..... Freeport, Ill.
Sims, Charles ..... Goshen, Ind.
Stahly, Elizabeth ..... Middlebury, Ind.
Stahly, Ernest ..... Middlebury, Ind.
Steele, Ralph ..... Middlebury, Ind.
Stoltzfus, Eli ..... West Liberty, Ohio
Teters, Esther ..... Middlebury, Ind.
Treuschel, Walter ..... Elkhart, Ind.
Umble, Fern ..... West Liberty, Ohio
Umble, Floyd ..... West Liberty, Ohio
Weber, Harry ..... Sterling, Ill.
Weldy, Gladys ..... Elkhart, Ind.
Wenger, Savilla ..... Wakarusa, Ind.
Willard, Frances ..... Wakarusa, Ind.
Yoder, Howard ..... Wooster, Ohio
Yoder, Joseph A. ..... Urbana, Ohio
Yoder, Velma ..... Topeka, Ind.
Yoder, Verda ..... West Liberty, Ohio
Zook, John ..... West Liberty, Ohio

NORMAL SCHOOL

Baker, Dwight ..... Elkhart, Ind.
Bartholomew, Mary ..... Goshen, Ind.
Berry, Ruth ..... Goshen, Ind.
Dykstra, Gerrit ..... Goshen, Ind.
Fisher, Gertrude ..... South Bend, Ind.

Faught, Hester ..... Topeka, Ind.
Freisner, Cleone ..... Goshen, Ind.
Hartzler, Lillian ..... Topeka, Ind.
Hostetler, Daniel ..... Baltic, Ohio
Krabill, Lucile ..... West Liberty, Ohio
Lantz, Mary ..... Topeka, Ind.
McClintic, Gladys ..... Elkhart, Ind.
Miller, Wilbur ..... Middlebury, Ind.
Nelson, Marie ..... South Bend, Ind.
Schrock, Elva ..... Nappanee, Ind.
Siems, Irene ..... South Bend, Ind.
Sunthimer, Marie ..... Shipshewana, Ind.
Van Scoik, Edna ..... Elkhart, Ind.
Yoder, Dorsa ..... Shipshewana, Ind.
Yoder, Velma ..... Topeka, Ind.

ACADEMY

Seniors

Arnold, Cecelia ..... New Paris, Ind.
Frey, Anna ..... Sterling, Ill.
Grabill, Clara ..... Goshen, Ind.
Hess, Dale ..... Goshen, Ind.
Hostetler, Frank ..... Harper, Kans.
Hooley, Clara ..... Goshen, Ind.
Kauffman, Nellie ..... Middlebury, Ind.
Kennel, Claire ..... Goshen, Ind.
Kaser, Donald ..... New Paris, Ind.
Nice, Violetta ..... Morrison, Ill.
Strycker, Grace ..... New Paris, Ind.
Schertz, Raymond ..... Metamora, Ill.
Schrock, Mark ..... Goshen, Ind.
Yoder, Mary ..... Wooster, Ohio

Juniors

Anderson, Agnes ..... Chicago, Ill.
Anderson, Margaret ..... Chicago, Ill.
Beck, Arthur ..... Goshen, Ind.
Belt, Floyd ..... New Paris, Ind.
Belt, John ..... New Paris, Ind.
Bontrager, Ferne ..... Goshen, Ind.
Bontrager, Gertrude ..... Goshen, Ind.
Brothers, Walter ..... Goshen, Ind.
Buschert, Chester ..... Breslau, Ont.
Gerber, Paul ..... Chester, Mont.
Hartzler, Frank ..... West Liberty, Ohio
Pletcher, Menno ..... Goshen, Ind.
Rohrer, Sue ..... Lancaster, Pa.

Snyder, Alice ..... Roseland, Nebr.
Snyder, Daniel ..... Roseland, Nebr.
Snyder, Ruth ..... Goshen, Ind.
Snyder, Mary ..... Hespeler, Ont.
Stauffer, Mahlon ..... Rittman, Ohio
Troyer, Minnie ..... Goshen, Ind.
Yoder, Floyd ..... Goshen, Ind.
Yoder, Gola ..... Elkhart, Ind.

Sophomores

Arnold, Levi ..... New Paris, Ind.
Bauman, Irvin ..... Elmira, Ont.
Birkey, Leah ..... Shickley, Nebr.
Forney, Arloine ..... Goshen, Ind.
Ganger, Effie ..... Goshen, Ind.
Grabill, Jacob ..... Goshen, Ind.
Grosh, Edna ..... Elkhart, Ind.
Hess, Miriam ..... Goshen, Ind.
Hooley, Vernon ..... Goshen, Ind.
Kurtz, Paul ..... Goshen, Ind.
Myers, Roy ..... New Paris, Ind.
Pletcher, Miles ..... Goshen, Ind.
Shank, Forest ..... Goshen, Ind.
Shantz, Alvin ..... Cullom, Ind.
Stauffer, Bessie ..... Rittman, Ohio
Stutzman, Ralph ..... Goshen, Ind.
Weaver, Verda ..... Goshen, Ind.
Yoder, Ordo ..... Goshen, Ind.
Zimmerman, John ..... Gordonville, Pa.

Freshmen

Bond, Martha ..... Goshen, Ind.
Bond, Mary ..... Goshen, Ind.
Christophel, Alice ..... Cullom, Ill.
Cripe, Chester ..... Goshen, Ind.
Cressman, Elvina ..... Breslau, Ont.
Deter, Daniel ..... Morrison, Ill.
Dillman, Rose ..... Goshen, Ind.
Grosh, Myrtle ..... Elkhart, Ind.
Grosh, Ida ..... Elkhart, Ind.
Hooley, Melvin ..... Hubbard, Ore.
Hostetler, Atlee ..... Baltic, Ohio
Hostetler, James ..... Baltic, Ohio
Leer, Eston ..... Goshen, Ind.
Martin, Elsie ..... Goshen, Ind.
Miller, Vernon ..... Goshen, Ind.

Moyer, Mary ..... Elkhart, Ind.
Oesch, Edna ..... Garden City, Mo.
Rohrer, Elizabeth ..... Lancaster, Pa.
Shantz, Mary ..... Cullom, Ill.
Shumacher, Mildred ..... Elkhart, Ind.
Simon, Clement ..... Goshen, Ind.
Slabaugh, Charles ..... Nappanee, Ind.
Smetzer, Noble ..... Goshen, Ind.
Smoker, Guy ..... Goshen, Ind.
Smoker, Ruby ..... Goshen, Ind.
Snyder, Oliver ..... Preston, Ont.
Snyder, Willard ..... Waterloo, Ont.
Stouder, Ferrell ..... Nappanee, Ind.
Swihart, Glenn ..... Goshen, Ind.
Troyer, Howard ..... Goshen, Ind.
Warner, De Main ..... Goshen, Ind.
Weaver, Roy ..... Wakarusa, Ind.
Weber, Lewis ..... Waterloo, Ont.
Whitehead, Leonard ..... New Paris, Ind.
Yoder, Artie ..... Shipshewana, Ind.

MUSIC

Ackerman, Marie ..... Goshen, Ind.
Arnold, Joy ..... Goshen, Ind.
Bache, Harold ..... Goshen, Ind.
Berlin, Flossie ..... Goshen, Ind.
Blough, Elsie ..... Middlebury, Ind.
Bontrager, Neri ..... Middlebury, Ind.
Byler, Nellie ..... Cable, Ohio
Belt, Rosa ..... New Paris, Ind.
Cartmell, Helen ..... Middlebury, Ind.
Conrad, Rozella ..... Smithville, Ohio
Driver, Roy ..... Versailles, Mo.
Ebersole, Mrs. A. S. ..... Goshen, Ind.
Guth, Eunice ..... Union, Ill.
Hartzler, Mrs. J. E. ..... Goshen, Ind.
Hartzler, Harold ..... Goshen, Ind.
Kaufman, Mrs. J. N. ..... Dhamtari, India
Miller, Maude ..... Garden City, Mo.
Nice, Susanna ..... Sterling, Ill.
Reed, Esther ..... Goshen, Ind.
Rhodes, Mabel ..... Goshen, Ind.
Rohn, Gladyce ..... Goshen, Ind.
Rohrer, Maude ..... Goshen, Ind.
Swank, Freda ..... Goshen, Ind.
West, Enid ..... Goshen, Ind.
Wilson, Ermal ..... Goshen, Ind.
Zook, Mrs. Purl ..... Goshen, Ind.

BUSINESS

Beaumont, Irene ..... Goshen, Ind.
Beck, Mary ..... Goshen, Ind.
Berlin, Gladys ..... Goshen, Ind.
Buzzard, Mearl ..... Goshen, Ind.
Burridge, John ..... Goshen, Ind.
Cripe, Merrill ..... Goshen, Ind.
Essig, Dewey ..... Goshen, Ind.
Luty, Ethel ..... Goshen, Ind.
McNames, Mayme ..... Goshen, Ind.
Menaugh, Ethel ..... Goshen, Ind.
Miller, Edith ..... Goshen, Ind.
Morris, Lurline ..... Goshen, Ind.
Neff, Ralph ..... Milford, Ind.
Neff, William ..... New Paris, Ind.
Roth, Cleo ..... Goshen, Ind.
Seaman, Vera ..... Goshen, Ind.
Smiley, Lucy ..... Goshen, Ind.
Steininger, Roy ..... Goshen, Ind.
Swick, Jennie ..... Silver Lake, Ind.
Tice, Ray ..... Goshen, Ind.
Vesey, Irene ..... Goshen, Ind.
Whirledge, Asa ..... Goshen, Ind.
Yoder, Clara ..... Kalona, Iowa

BIBLE

Beechy, Elizabeth ..... Millersburg, Ohio
Berkey, Gilgian ..... Fisher, Ill.
Bohn, Ernest ..... Millersburg, Ind.
Brubaker, Ruth ..... Freeport, Ill.
Brubaker, Nora ..... Freeport, Ill.
Diller, Joseph ..... Elida, Ohio
Eichelberger, Bertha ..... Ludlow, Ill.
Grabill, Clara ..... Goshen, Ind.
Good, Arthur ..... Rantoul, Ill.
Good, Elsie ..... Rantoul, Ill.
Grosh, Edna ..... Elkhart, Ind.
Hagey, Nellie ..... Preston, Ont.
Heiser, Alma ..... Foosland, Ill.
Hershberger, Daniel ..... Walnut Creek, Ohio
Horner, Effie ..... Greentown, Ind.
Hostetler, Atlee ..... Baltic, Ohio
Hostetler, James ..... Baltic, Ohio
Hostetler, Iva ..... Baltic, Ohio
Horst, Mary ..... Dalton, Ohio
Horst, Dema ..... Dalton, Ohio

King, Clarence ..... Fisher, Ill.
Koerner, Henry ..... Cullom, Ill.
Koerner, Susie ..... Cullom, Ill.
Meiser, John ..... Alto, Mich.
Miller, Susanna ..... Kokomo, Ind.
Nafziger, Leah ..... Hopedale, Ill.
Nofsinger, Della ..... Dewey, Ill.
Rohrer, Elizabeth ..... Lancaster, Pa.
Shantz, Fannie ..... Elkhart, Ind.
Shantz, Sadie ..... Cullom, Ill.
Shoup, Ella ..... Columbiana, Ohio
Snyder, C. U. ..... Ayr, Nebr.
Stutzman, Cora ..... Aurora, Ohio
Sutter, Matilda ..... Miner, Ill.
Swartzendruber, Omar ..... Wayland, Iowa
Smucker, Jeptha ..... Smithville, Ohio
Wolber, Lena ..... Deer Creek, Ill.
Yoder, Artie ..... Shipshewana, Ind.
Zimmerman, John ..... Gordinsville, Pa.

SPECIAL

Guidi, Modesto ..... Banes, Ote, Cuba
Miller, Noble ..... Goshen, Ind.
Mota, Enriquilla ..... Santo Domingo

SUMMER SCHOOL

Airgood, Faye ..... Millersburg, Ind.
Allison, Florence ..... Shipshewana, Ind.
Arnold, Joy ..... Goshen, Ind.
Baker, Dwight ..... Elkhart, Ind.
Bauman, Norman ..... Elmira, Ont.
Brown, Lena ..... Ligonier, Ind.
Berry, Helen ..... Goshen, Ind.
Berry, Georgia ..... Goshen, Ind.
Blake, Mary ..... Elkhart, Ind.
Blake, Ennis ..... Elkhart, Ind.
Bender, Harold ..... Elkhart, Ind.
Bontrager, Amos ..... Shipshewana, Ind.
Bemenderfer, Elizabeth ..... Goshen, Ind.
Black, Olga ..... Albion, Ind.
Bryner, Fred ..... Goshen, Ind.
Blough, Elsie ..... Middlebury, Ind.
Bontrager, Joanna ..... Goshen, Ind.
Berlin, Flossie ..... Goshen, Ind.
Bickel, Bernice ..... Goshen, Ind.
Christophel, Allen ..... Wakarusa, Ind.

Cripe, Fern ..... Goshen, Ind.
Clingeman, Virgil ..... Cromwell, Ind.
Clear, Beatrice ..... Wawaka, Ind.
Craig, Frances ..... South Bend, Ind.
Chapman, Hugh ..... Rome City, Ind.
Dyer, Jessie ..... Chicago, Ill.
Eschliman, Alvin ..... Dalton, Ohio
Fisher, Verla ..... Elkhart, Ind.
Feeser, Mary ..... Elkhart, Ind.
Faught, Hester ..... Topeka, Ind.
Fisher, Gertrude ..... South Bend, Ind.
Grabill, Cordelia ..... Goshen, Ind.
Gerberick, LeRoy ..... Wakarusa, Ind.
Good, Mary ..... Wellersville, Ohio
Gardner, Prudence ..... Bristol, Ind.
Haller, Allen ..... Ligonier, Ind.
Hire, Scott ..... Syracuse, Ind.
Hoovens, Agnes ..... Goshen, Ind.
Hire, Willis ..... Ligonier, Ind.
Hayes, Adolph ..... Kimmell, Ind.
Haberstitch, Gustav ..... Goshen, Ind.
Haney, Charles ..... Goshen, Ind.
Hahn, Edward ..... Wakarusa, Ind.
Hertzler, Asa ..... Denbigh, Va.
Hahn, Clem ..... Wakarusa, Ind.
Hostetler, Ruth ..... Topeka, Ind.
Hartzler, Lillian ..... Topeka, Ind.
Hooley, Clara ..... Goshen, Ind.
Henderson, Esther ..... Lakeville, Ind.
Heintzleman, Muriel ..... Goshen, Ind.
Himes, Earl ..... Cromwell, Ind.
Hagerty, Angela ..... South Bend, Ind.
Hill, Margaret ..... South Bend, Ind.
Harris, Jessie ..... Howe, Ind.
Harris, Lulu ..... Howe, Ind.
Hooley, Vernon ..... Goshen, Ind.
Hinton, Mary ..... Roaring Springs, Pa.
Hesh, Elma ..... Wakarusa, Ind.
Kaufman, James Norman ..... Dhamtari, India
Kennel, Mabel ..... Goshen, Ind.
Kennel, Claire ..... Goshen, Ind.
Kaser, Carl ..... New Paris, Ind.
King, Ruth ..... Middlebury, Ind.
King, Kathryn ..... Amboy, Ind.
Kauffman, Nellie ..... Middlebury, Ind.
LeFever, Lydia ..... Ronks, Pa.
Lockhart, Frank ..... Avilla, Ind.
Lantz, Mary ..... Topeka, Ind.

Loane, Myrtle ..... South Bend, Ind.
Lehman, Howard ..... North Lima, Ohio
Miner, Joseph ..... Wawaka, Ind.
Miller, Payson ..... Shipshewana, Ind.
Mason, Thelma ..... Middlebury, Ind.
McClintic, Gladys ..... Elkhart, Ind.
Miller, Jacob ..... Kalona, Iowa
Meyer, Jacob ..... Sterling, Ohio
Metzler, Walter ..... Wakarusa, Ind.
Moon, Helen ..... North Liberty, Ind.
McCoy, Esther ..... South Bend, Ind.
Miller,, Ernest ..... Middlebury, Ind.
Miller, Trueman ..... Middlebury, Ind.
Moyer, M. L. ..... Goshen, Ind.
Neterer, Beryl ..... Goshen, Ind.
Nice, Susanna ..... Sterling, Ill.
Nice, Violetta ..... Morrison, Ill.
Prough, John ..... Shipshewana, Ind.
Plank, Bessie ..... Topeka, Ind.
Plank, Melvin ..... Osceola, Ind.
Proudfit, Grace ..... Osceola, Ind.
Ruff, Nora ..... Wakarusa, Ind.
Ramseyer, Nancy ..... New Hamburg, Ont.
Ritter, Wava ..... Topeka, Ind.
Renner, Merl ..... Wakarusa, Ind.
Rupel, Helen ..... South Bend, Ind.
Rohrer, Bernice ..... Fitzgerald, Ga.
Showalter, Amos ..... Conway, Kans.
Slabaugh, Jancy ..... Goshen, Ind.
Slabaugh, John ..... Goshen, Ind.
Schertz, Raymond ..... Metamora, Ill.
Stiver, Vera ..... Goshen, Ind.
Swick, Carrie ..... New Paris, Ind.
Swick, Jennie ..... New Paris, Ind.
Stenberg, Geraldine ..... Elkhart, Ind.
Surfus, Catherine ..... Kimmell, Ind.
Starr, Marjorie ..... Goshen, Ind.
Snyder, Mary ..... Hespeler, Ont.
Snyder, Rebecca ..... Goshen, Ind.
Shisler, Ruby ..... Kimmell, Ind.
Strope, Edward ..... Wakarusa, Ind.
Stemen, Robert ..... Lima, Ohio
Schrock, Mark ..... Goshen, Ind.
Sargent, Mary ..... Syracuse, Ind.
Stoops, Donald ..... Nappanee, Ind.
Stump, George ..... New Paris, Ind.
Seymoure, Mildred ..... Wawaka, Ind.
Shoup, Marie ..... Goshen, Ind.

Siems, Irene	South Bend,	Ind.
Starr, Martha	Goshen,	Ind.
Thompson, Romayne	Millersburg,	Ind.
Treuschel, Alice	Elkhart,	Ind.
Triece, Ellen	Elkhart,	Ind.
Thompson, Fern	Goshen,	Ind.
Wolfberg, Florence	Wakarusa,	Ind.
Witmer, Martha	Wakarusa,	Ind.
Weigel, Anna	Cromwell,	Ind.
Wilkinson, Ethel	Ligonier,	Ind.
Wilkinson, Ruby	Ligonier,	Ind.
Wallace, Charles	Goshen,	Ind.
Warner, Florence	Elkhart,	Ind.
Wayer, Mrs. Nora	Goshen,	Ind.
Weller, Melba	South Bend,	Ind.
Weaver, Vinora	Middlebury,	Ind.
Woodford, Donnita	Goshen,	Ind.
Yoder, Nellie	Bellefontaine,	Ohio
Yoder, Orus	Goshen,	Ind.
Zimmerman, Eva	Wawaka,	Ind.
Zimmerman, Madie	Middlebury,	Ind.

SUMMARY OF DEPARTMENTS

College	114
Normal	20
Academy	99
Music	26
Business	23
Bible	39
Summer School	137
Special	3
	460

ENROLLMENT BY STATES

Indiana	263
Ohio	57
Illinois	32
Ontario	12
Pennsylvania	9
Iowa	4
Nebraska	4
Missouri	3
Virginia	3
Michigan	2
Montana	2
Kansas	2
India	2

Tennessee	1
California	1
Colorado	1
Oregon	1
Georgia	1
England	1
Cuba	1
Santa Domingo	1
Total, no name counted twice	403

ALUMNI ASSOCIATION

Organized 1901—Incorporated 1911

Officers

Dr. S. T. Miller ..... President
J. S. Yoder ..... First Vice President
Dr. W. B. Christophel ..... Second Vice President
Anna Yoder ..... Recording Secretary
Vinora Weaver ..... Corresponding Secretary
Samuel Witmer ..... Treasurer
Mrs. J. M. Kurtz ..... Historian

Executive Committee

Dr. S. T. Miller J. S. Yoder Samuel Witmer
Anna Yoder Frank S. Ebersole

Board of Directors

Term Expires in 1917

Jonathan M. Kurtz J. E. Weaver Frank S. Ebersole
Samuel Witmer

Term Expires in 1918

Dr. S. T. Miller J. S. Yoder Anna Yoder
Vernon Smucker

Term Expires in 1919

J. Frank Ebersole S. E. Weaver P. E. Whitmer

J. C. Meyer

Chicago (Branch) Alumni Association, Organized Nov. '06.

Margaret Detweiler ..... President

Dr. Peter D. Sommer ..... Vice President

Vesta Zook ..... Secretary-Treasurer

India (Branch) Alumni Association, Organized Feb. '13.

George G. Lapp ..... President

Aldine C. Brunk ..... Vice President

E. Ellen Schertz ..... Secretary-Treasurer

INDEX

Academy 44
Administration 107
Admission
College 12
Academy 44
Agriculture
Academy 46
School 63
Animal Husbandry 65
Alumni 118, 144
Agronomy 67
Assistants 10
Astronomy 35
Athletic Field 111
Arithmetic 53, 60, 98
Bequests 120
Bible
College 18
School 71
Short Term 80
Biology 21
Board 124
Board of Education 4
Bookkeeping 53, 97
Books 119
Botany
College 21
Academy 51
Business
Academy 53
School of Business 96
Calendar 2, 3
Calendar of Public Events 121
Campus and Buildings 108
Certificates 17, 97
Chemistry 39
College Farm 111
College Record 118
Cooking 32
Commercial Law 54, 98
Committees ..
Board 5
Faculty 11
Conditions 14
Corporation 4
Correspondence Department . 104
Curriculum
College 15
Academy 45
Bible 72, 78
Business 96
Degrees 17, 130
Debates 129
Dining Hall 119
Diplomas
Academy 44
Business 96
General 114
Discipline 114
Earth Science 41
Economics 31
Education
College 38
Normal 58
Religious 77
Electives 13, 15
Endowment 120
English
College 23
Academy 47
Business 100
Enrollment, Student 132
Ethics 36
Examinations 114
Executive Officers 10
Expenses 123
Extra Work 113
Faculty 6
French 25
Freshmen Work 16
General Information 107
Geography 53, 60, 99
Geology 41
German
College 25
Academy 48

Grades 114
Graduates 130
Graduation Requirements.. 15, 44
Greek 28
Gymnasium 111
History
College 29
Academy 48
Home Economics
College 32
Academy 49
Horticulture 69
Laboratories 110
Latin
College 28
Academy 49
Library 109
Literature 23
Location 107
Major Subjects 15
Mathematics
College 34
Academy 50
Matriculation 113
Museum 111
Music
College 41
Academy 52
School of Music 82
Normal 61
New Testament 19, 73
Normal School 55
Old Testament 18, 72
Orators 129
Penmanship 61, 98
Physiology 22, 61
Physicial Science 39
Physics 40, 52
Physiology 22, 61
Physical Culture 119
Political Science 30
Prescribed Subjects 15, 64
Prizes 120
Professional Course 16
Psychology 37, 56
Registration 112
Reports 114
Rooms 115, 125
Rules 115
Schedule 126-128
Scholarships 120
Sewing 33
Shorthand 53, 99
Sociology 31
Special Students 14
Summer School 101
Student Enrollment 132
Student Organizations
Students' Council 116
Religious 116
Literary 117
Library Association 117
Lecture Association 118
Oratorical Association 118
Chemical Society 118
Text Books 119
Theology 76
Typewriting 100
Tuition 123
Zoology
College 21
Academy 52